

SCREENING SITE INSPECTION REPORT  
FOR  
CONTAINER CORPORATION  
WABASH, INDIANA  
U.S. EPA ID: IND005432653  
SS ID: NONE  
TDD: F05-8710-070  
PAN: FIN0656SB

EPA Region 5 Records Ctr.



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JULY 13, 1990



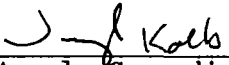
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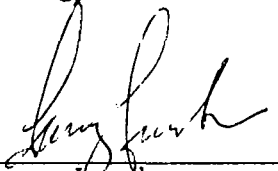
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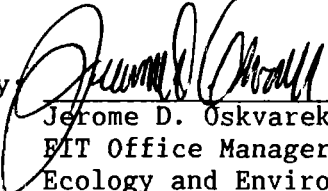
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## 1. INTRODUCTION

Ecology and Environment, Inc. (E & E), Field Investigation Team (FIT) was tasked by the United States Environmental Protection Agency (U.S. EPA) to conduct a screening site inspection (SSI) of the Container Corporation site under contract number 68-01-7347.

The site was initially discovered in 1979 by David Brown and Jim Kelly of the Indiana State Board of Health (ISBH). The site was discovered when the ISBH Division of Sanitary Engineering, Solid Waste Management Section, investigated a citizen complaint from Tony Parett alleging that potentially hazardous sludge was being dumped by Container Corporation of America (the company will hereinafter be referred to as CCA) behind his residence in Wabash, Indiana (Brown 1979).

The site was evaluated in the form of a preliminary assessment (PA) that was submitted to U.S. EPA. The PA was prepared by Mary Anne Hunter of the Indiana Department of Environmental Management (IDEM) and is dated July 24, 1987. PA preparation, as well as other pre-remedial functions performed by state agencies in Indiana, are now handled by IDEM.

FIT prepared an SSI work plan for the Container Corporation site under technical directive document (TDD) F05-8710-070, issued on October 15, 1987. The SSI work plan was approved by U.S. EPA on July 8, 1989. The SSI of the Container Corporation site was conducted on September 27, 1989, under amended TDD F05-8710-070, issued on August 25, 1989.

The FIT SSI included an interview with site representatives, a reconnaissance inspection of the site, and the collection of six soil samples and three sediment samples.

The purposes of an SSI have been stated by U.S. EPA in a directive outlining Pre-Remedial Program strategies. The directive states:

All sites will receive a screening SI to 1) collect additional data beyond the PA to enable a more refined preliminary HRS [Hazard Ranking System] score, 2) establish priorities among sites most likely to qualify for the NPL [National Priorities List], and 3) identify the most critical data requirements for the listing SI step. A screening SI will not have rigorous data quality objectives (DQOs). Based on the refined preliminary HRS score and other technical judgement factors, the site will then either be designated as NFRAP [no further remedial action planned], or carried forward as an NPL listing candidate. A listing SI will not automatically be done on these sites, however. First, they will go through a management evaluation to determine whether they can be addressed by another authority such as RCRA [Resource Conservation and Recovery Act].... Sites that are designated NFRAP or deferred to other statutes are not candidates for a listing SI.

The listing SI will address all the data requirements of the revised HRS using field screening and NPL level DQOs. It may also provide needed data in a format to support remedial investigation work plan development. Only sites that appear to score high enough for listing and that have not been deferred to another authority will receive a listing SI. (U.S. EPA 1988)

U.S. EPA Region V has also instructed FIT to identify sites during the SSI that may require removal action to remediate an immediate human health or environmental threat.

## 2. SITE BACKGROUND

### 2.1 INTRODUCTION

This section presents information obtained from SSI work plan preparation, the site representative interview, and a reconnaissance inspection of the site.

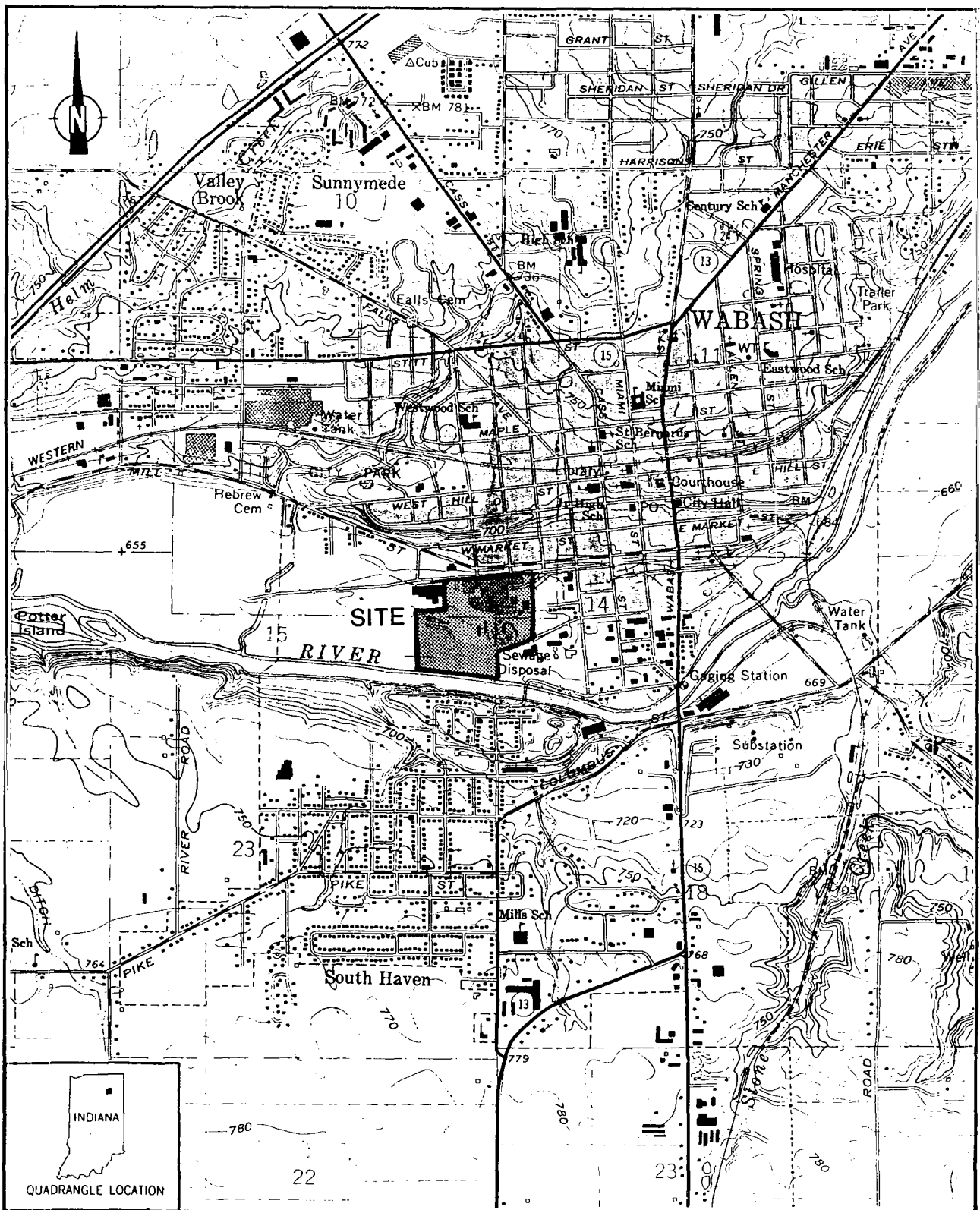
### 2.2 SITE DESCRIPTION

The Container Corporation site is an approximately 20-acre parcel of land containing an active paper mill. Two water treatment plants and the main plant building, which includes several processing units, occupy approximately 1/3 of the site. Paper waste is disposed of on-site at different locations. The site is located on West Factory Street, in downtown Wabash, Noble Township, Wabash County, Indiana (T.27N., R.6E.) (see Figure 2-1 for site location). The Wabash River runs approximately 20 feet south of the site boundary. A 4-mile radius map of the Container Corporation site is provided in Appendix A.

### 2.3 SITE HISTORY

CCA, the current site owner, acquired the site in approximately 1933. Smurfit Corporation became CCA's parent company in 1986. Dymon Match Corporation owned the property from 1890 to 1933. Dymon Match Corporation operated a plant for the production of wooden matches on-site (Smith 1989).

CCA is a manufacturer of rolled or stacked bulk paper, in varying grades. The facility receives and reprocesses spent paper products.



SOURCE: Ecology and Environment, Inc. 1990; BASE MAP: USGS, Wabash, IN Quadrangle, 7.5 Minute Series, 1963.

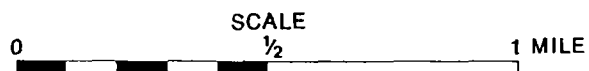


FIGURE 2-1 SITE LOCATION

Solid waste from the process is sent to landfills; waste sludge is sent to farms (Smith 1989).

The Container Corporation site also discharges process water to the Wabash River. CCA holds a National Pollutant Discharge Elimination System (NPDES) permit for the discharge. The permit number is unknown. There are two lagoons, which are not currently active, that were in operation for approximately 30 years. The lagoons were unlined (Smith 1989).

No remedial-response or regulatory actions regarding this site are on file or documented with appropriate state or federal agencies. CCA had not made the feedstock, waste type, or composition information available at the time this report was written. Two requests for the information were made by E & E. Asbestos removal was in progress at the site during SSI (Townley 1989).

### 3. SCREENING SITE INSPECTION PROCEDURES AND FIELD OBSERVATIONS

#### 3.1 INTRODUCTION

This section outlines procedures and observations of the SSI of the Container Corporation site. Individual subsections address the site representative interview, reconnaissance inspection, and sampling procedures. Rationales for specific FIT activities are also provided. The SSI was conducted in accordance with the U.S. EPA-approved work plan.

The U.S. EPA Potential Hazardous Waste Site Inspection Report (Form 2070-13) for the Container Corporation site is provided in Appendix B.

#### 3.2 SITE REPRESENTATIVE INTERVIEW

Angelo Carpodinis, FIT team leader, conducted an interview with three CCA representatives: Bruce Smith, Plant Engineer; Richard Townley, Project Engineer; and Donald A. Hughes, Boxboard Group Technical Director. The interview was conducted on September 27, 1989, at approximately 9:00 a.m. at Smith's office. Alan K. Baumann, Environmental Engineer, of U.S. EPA (Region V), and Clifford Florczak, of FIT, were also present at the interview. The interview was conducted to gather information that would aid FIT in conducting SSI activities.

#### 3.3 RECONNAISSANCE INSPECTION

Following the site representative interview, FIT conducted a reconnaissance inspection of the Container Corporation site and surrounding area in accordance with E & E health and safety guidelines. The reconnaissance inspection was begun on September 27, 1989, at approximately 10:30 a.m. and included a walk-through of the site to determine



appropriate health and safety requirements for conducting on-site activities and to make observations to aid in characterizing the site. FIT also determined sampling locations during the reconnaissance inspection. FIT was accompanied by Townley of CCA and Baumann of U.S. EPA during the reconnaissance inspection.

Reconnaissance Inspection Observations. The Container Corporation site is located in a flat area at an approximate elevation of 660 feet above sea level. Land use in the vicinity of the site is primarily residential, with some industrial and agricultural land use as well.

The site is bordered by a residential area to the north, the Wabash River to the south, a cornfield and an industrial building to the west, and residences and the city wastewater treatment plant to the east.

The site is approximately 90% fenced (see Figure 3-1 for locations of site features). Security guards are present at the site only after working hours. No other means of security is used at the site. Gates are located in the fence along the site's northern and southeastern boundaries.

The site contains two lagoons located in the western portion of the site. The lagoons, not currently in use, had been used for approximately 30 years for paper recycling/production. The lagoons, which are approximately 8 feet deep and have no liners, were cleaned and will not be used again (Townley 1989). FIT observed paper waste in both lagoons and small areas of liquid accumulation in the north lagoon.

The main plant building is located along the northern boundary of the site. The facility's primary water treatment plant is located between the main building and the lagoons to the west. An overflow of muddy wastewater was observed on the northeast side of the primary treatment plant. There is a secondary water treatment plant in the southeast corner of the site. A sharp odor of hydrogen sulfide emanated from the secondary treatment plant (Townley 1989).

There were several disposal areas located around the site. An excavated trench holding general refuse was located in the woods south of the lagoons. There was a pile of buried paper waste in a vegetated area southeast of the trench. West of the secondary water treatment plant was another former paper waste disposal area. During the SSI, FIT observed paper sludge being disposed of in an area 100 feet north of the

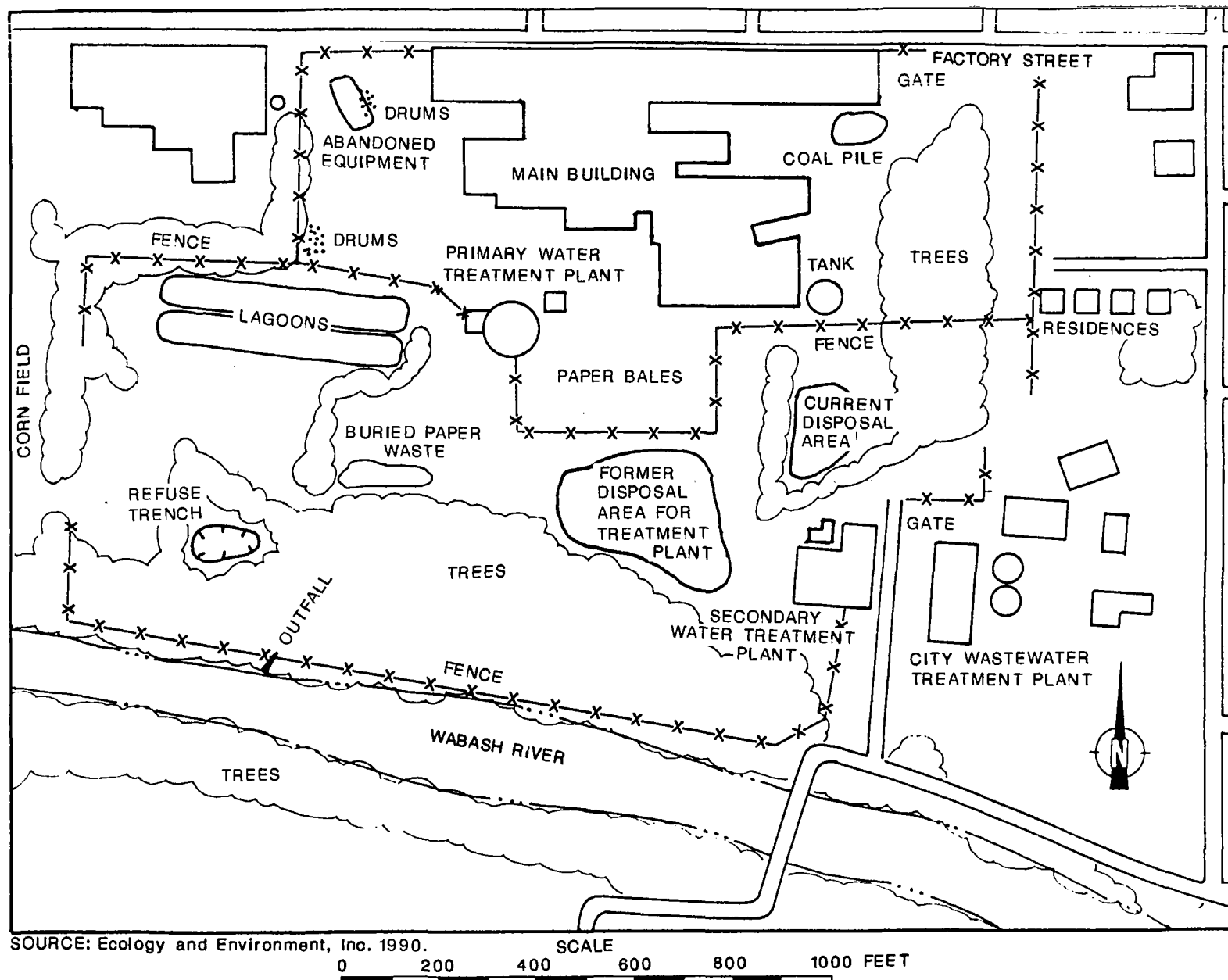


FIGURE 3-1 SITE FEATURES

secondary treatment plant. The sludge was to be removed by disposal trucks (Townley 1989).

A pile of uncovered paper packages was observed in the center of the site. Paper from the pile was blowing all over the site. A pile of abandoned equipment was located in the upper northwest corner of the site. An old dry outfall was observed off-site approximately 5 feet north of the Wabash River.

Coal, used to fire boilers on-site, was observed on the ground near the northeast corner of the site. Several open drums of waste were observed approximately 100 feet north of the lagoons. The drums contained hazardous waste, and they were to be removed (Townley 1989). More drums were observed near the northwest side of the main building. None of the these drums contained waste (Townley 1989).

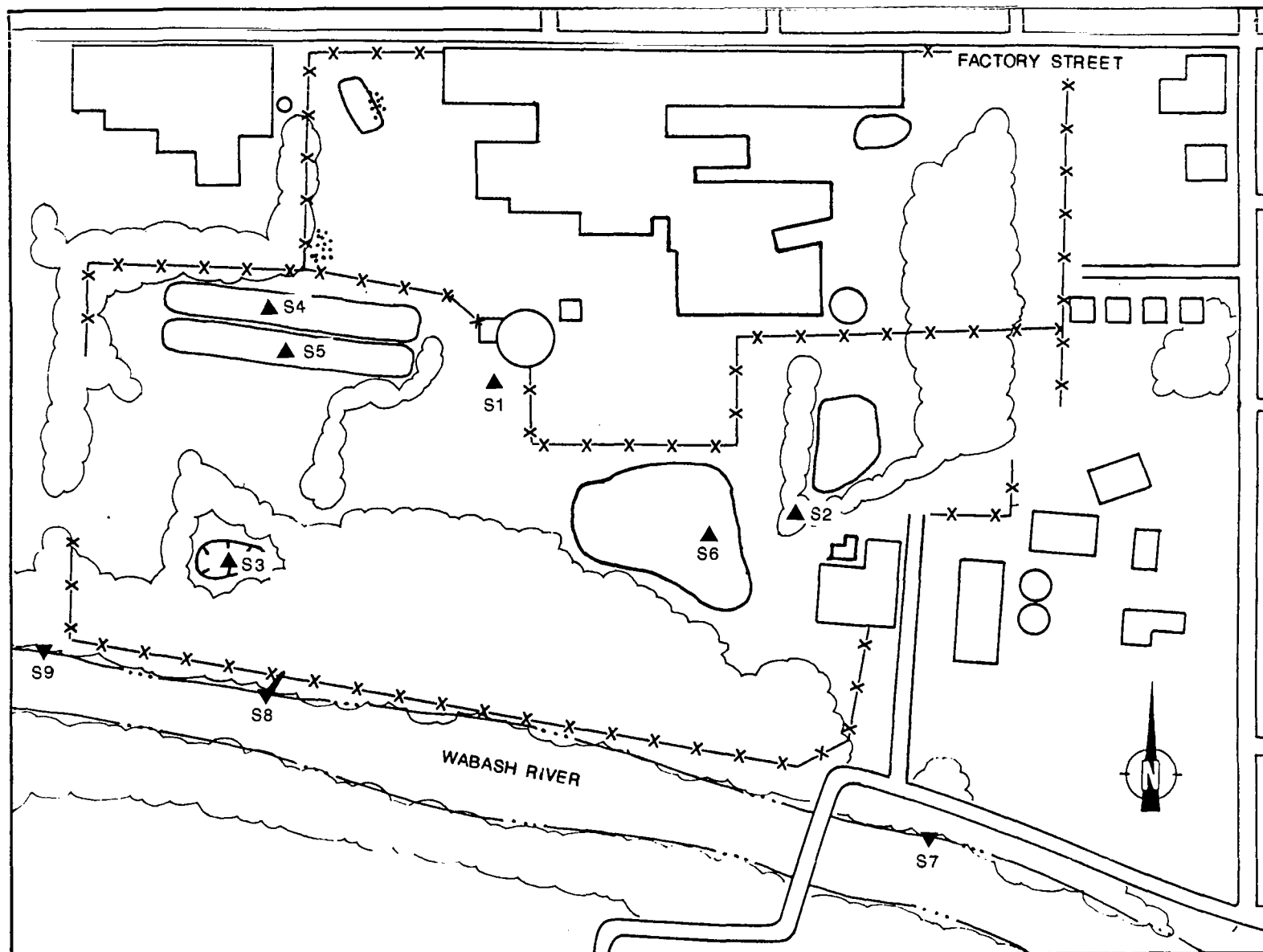
Nine production wells exist on-site (Smith 1989). Four of these wells were observed by FIT and are currently in service. Beer cans were observed by FIT along the north bank of the Wabash River. FIT did not observe any leachate collection system or surface water diversion structures at the site. Photographs of the Container Corporation site are included in Appendix C.

### 3.4 SAMPLING PROCEDURES

Samples were collected by FIT at locations selected during the reconnaissance inspection to determine whether U.S. EPA Target Compound List (TCL) compounds or Target Analyte List (TAL) analytes were present at the site. The TCL and TAL are included with corresponding quantitation/detection limits in Appendix D.

On September 27, 1989, FIT collected nine soil/sediment samples, two of which were potential background samples. Townley and Hughes of CCA and Baumann of U.S. EPA accompanied FIT during part of the soil/sediment sampling activities. FIT offered portions of the soil/sediment samples collected to Smith, who declined the offer.

Soil/Sediment Sampling Procedures. Subsurface soil sample S2 was collected approximately 100 feet north of the secondary water treatment plant, where the sludge waste from the water plant was being dumped, to determine whether TCL compounds or TAL analytes were present or had migrated from the dump area (see Figure 3-2 for soil/sediment sampling



SOURCE: Ecology and Environment, Inc. 1990.

SCALE  
0 200 400 600 800 1000 FEET

LEGEND  
▲ SOIL SAMPLE  
▼ SEDIMENT SAMPLE

FIGURE 3-2 SOIL/SEDIMENT SAMPLING LOCATIONS

locations). Subsurface soil sample S3 was collected inside an excavated pit to determine whether TCL compounds or TAL analytes were present in the pit. Surface soil samples S4 and S5 were collected from the lagoons to determine whether TCL compounds or TAL analytes were present. Surface soil sample S6 was collected at an old disposal site to determine whether TCL compounds or TAL analytes were present.

A potential background soil sample, S1, was collected in what appeared to be an undisturbed vegetated area in the middle portion of the site. The background sample was collected to determine the representative chemical content of the soil in the area of the site.

Sediment sample S8 was collected where the outfall discharges to the Wabash River to determine whether TCL compounds or TAL analytes were migrating from the site to the river. Sediment sample S9 was collected from the Wabash River near the downstream end of the site to determine whether TCL compounds or TAL analytes were migrating downstream. Sediment sample S7 was collected in the Wabash River upstream from the site, as a potential background sample. The downstream sediment sample, S9, was collected first to prevent contamination of other sediment samples. Sample S7 was collected last.

Samples S2 and S3 were collected using a hand auger. The hand auger was used to gather soil at a depth of approximately 3 feet. Samples S1, S4, S5, S6, S7, S8, and S9 were collected using a trowel. The trowel was used to gather soil/sediment at a depth of approximately 6 inches. Each soil/sediment sample was placed in a stainless steel bowl. The sample material was then transferred from the bowl to sample bottles, using a stainless steel spoon (E & E 1987). For all soil/sediment samples, volatile organic bottles were filled first (E & E 1987).

Production wells were discovered on-site by FIT during the SSI. Because the work plan for the SSI did not include sampling of wells, the four production wells currently in service at the site were not sampled.

Standard E & E decontamination procedures were adhered to during the collection of all soil/sediment samples. The procedures included the scrubbing of all equipment (e.g., trowel, hand auger, bowls, and spoons) with a solution of detergent (Alconox) and distilled water, and

triple-rinsing the equipment with distilled water before the collection of each sample (E & E 1987). All soil/sediment samples were packaged and shipped in accordance with U.S. EPA-required procedures.

As directed by U.S. EPA, all soil/sediment samples were analyzed using the U.S. EPA Contract Laboratory Program (CLP) for TCL compounds by EMS Laboratories of Indianapolis, Indiana, and EMS Laboratories of Lakewood, New Jersey, and for TAL analytes by Associated Laboratories, Inc., of Orange, California.

## 4. ANALYTICAL RESULTS

### 4.1 INTRODUCTION

This section presents results of the chemical analysis of FIT-collected soil/sediment samples for TCL compounds and TAL analytes.

### 4.2 RESULTS OF CHEMICAL ANALYSIS OF FIT-COLLECTED SAMPLES

Soil/Sediment Samples. Chemical analysis of FIT-collected soil/sediment samples revealed substances from the following groups of TCL compounds and TAL analytes: halogenated hydrocarbons, polyaromatic hydrocarbons (PAHs), pesticides, polychlorinated biphenyls (PCBs), heavy metals, metals, and soil/sediment constituents common to the area of the site; cyanide was also detected (see Table 4-1 for complete chemical analysis results of FIT-collected soil/sediment samples).

Quantitation/detection limits used in the analysis of soil/sediment samples are provided in Appendix D.

The analytical data for the chemical analysis of soil/sediment samples collected for this SSI have been reviewed by U.S. EPA and FIT for compliance with terms of the FIT contract, and the review has been approved by U.S. EPA. Any additions, deletions, or changes to the data have been incorporated in the chemical analysis results tables presented in this section.

Table 4-1  
RESULTS OF CHEMICAL ANALYSIS OF  
FIT-COLLECTED SOIL/SEDIMENT SAMPLES

| Sample Collection Information<br>and Parameters | S1       | S2       | S3       | S4       | Sample Number<br>S5 | S6       | S7       | S8       | S9       |
|---|----------|----------|----------|----------|---------------------|----------|----------|----------|----------|
| Date  | 9/27/89  | 9/27/89  | 9/27/89  | 9/27/89  | 9/27/89             | 9/27/89  | 9/27/89  | 9/27/89  | 9/27/89  |
| Time  | 1240     | 1200     | 1225     | 1150     | 1155                | 1200     | 1300     | 1305     | 1205     |
| CLP Organic Traffic Report Number               | EGR39    | EGR40    | EGR41    | EGR42    | EGR43               | EGR44    | EGR45    | EGR46    | EGR47    |
| CLP Inorganic Traffic Report Number             | MEFQ78   | MEFQ79   | MEFQ80   | MEFQ81   | MEFQ82              | MEFQ83   | MEFQ84   | MEFQ85   | MEFQ86   |
| <u>Compound Detected</u><br>(values in µg/kg)   |          |          |          |          |                     |          |          |          |          |
| <u>Volatile Organics</u>                        |          |          |          |          |                     |          |          |          |          |
| chloroform                                      | 4J       | 8        | 4J       | 4J       | 10                  | 14       | --       | 6        | 6J       |
| <u>Semivolatile Organics</u>                    |          |          |          |          |                     |          |          |          |          |
| fluoranthene                                    | --       | --       | --       | --       | --                  | --       | --       | 200J     | --       |
| <u>Pesticides/PCBs</u>                          |          |          |          |          |                     |          |          |          |          |
| Heptachlor                                      | 13J      | 10J      | --       | --       | --                  | --       | 13J      | --       | --       |
| Aroclor 1254                                    | --       | 880      | --       | --       | --                  | --       | --       | --       | 820      |
| <u>Analyte Detected</u><br>(values in mg/kg)    |          |          |          |          |                     |          |          |          |          |
| aluminum  | 9,840JE  | 16,100JE | 8,680JE  | 16,900JE | 15,300JE            | 14,500JE | 6,910JE  | 4,950JE  | 5,010JE  |
| antimony  | 17.3JN   | 12.3JNB  | 14.3JN   | 11.5JNB  | 17.3JN              | 11.4JNB  | 12.6JNB  | 11.5JNB  | 12.6JNB  |
| arsenic   | 4.3      | 6.6      | 3.3      | 4.6      | 4.6                 | 5.7      | 3.6      | 3.1      | 2.9      |
| barium  | 65.9JN   | 114JN    | 58.5JN   | 156JN    | 92.1JN              | 113JN    | 43.3JNB  | 35.5JNB  | 28.8JNB  |
| beryllium                                       | --       | 1.6      | --       | 1.5      | 1.3                 | 1.3      | --       | --       | --       |
| cadmium   | 1.1      | 1.8      | --       | --       | 1.3                 | 1.0B     | --       | --       | --       |
| calcium   | 36,300JE | 20,700JE | 18,300JE | 16,000JE | 21,300JE            | 12,100JE | 16,100JE | 30,600JE | 23,700JE |
| chromium  | 16.4     | 71.4     | 15.2     | 24.7     | 22.1                | 22.1     | 10.5     | 8.6      | 8.2      |
| cobalt  | 8.3B     | 12.4B    | 7.9B     | 11.3B    | 12.1                | 12.2B    | 6.2B     | 6.6B     | 4.7B     |
| copper  | 20.3     | 50.4     | 16.3     | 22.3     | 19.1                | 25.3     | 9.3J     | 10.5J    | 8.0J     |
| iron  | 17,300JE | 24,300JE | 13,200JE | 22,600JE | 23,200JE            | 25,300JE | 10,800JE | 8,990JE  | 8,670JE  |
| lead  | 26.4     | 211      | 10.7     | 10.8     | 8.9                 | 11.1     | 7.6      | 9.3      | 10.2     |
| magnesium                                       | 16,800JE | 9,930JE  | 10,700JE | 11,600JE | 13,800JE            | 7,370JE  | 9,440JE  | 10,800JE | 10,000JE |
| manganese                                       | 543JNE   | 569JNE   | 223JNE   | 421JNE   | 497JNE              | 1,220JNE | 325JNE   | 292JNE   | 253JNE   |
| mercury   | 0.10J    | 13R      | 0.11J    | 0.12J    | --                  | 0.12J    | --       | --       | 0.11J    |
| nickel  | 21.9     | 28.7     | 14.7     | 28.7     | 28.1                | 29.1     | 13.6     | 13.5     | 10.6     |
| potassium                                       | 1,910    | 2,610    | 1,320    | 3,080    | 2,760               | 2,160    | 1,290    | 909B     | 933B     |
| selenium  | --       | 0.50B    | --       | --       | --                  | --       | --       | --       | --       |
| silver  | 5.2J     | 5.9J     | 4.4J     | 5.8J     | 5.1J                | 5.5J     | 5.0J     | 4.6J     | 4.7J     |
| sodium  | 93.5JB   | 120JB    | 86.4JB   | 132JB    | 171JB               | 132JB    | 97.7JB   | 96JB     | 99.2JB   |
| thallium  | 0.50B    | --       | --       | 0.84B    | --                  | 0.24B    | --       | 0.29B    | 0.25B    |
| vanadium  | 19.3     | 27.5     | 16.8     | 33.7     | 29.1                | 26.7     | 15.3     | 10.9B    | 11.8B    |
| zinc  | 76.7JNE  | 263JNE   | 88.4JNE  | 96.9JNE  | 81.5JNE             | 104JNE   | 40.6JNE  | 42.8JNE  | 33JNE    |
| cyanide   | --       | --       | --       | 0.91     | --                  | --       | --       | --       | --       |

-- Not detected.



Table 4-1 (Cont.)

| COMPOUND QUALIFIER | DEFINITION                    | INTERPRETATION                          |
|--------------------|-------------------------------|---|
| J                  | Indicates an estimated value. | Compound value may be semiquantitative. |

| ANALYTE QUALIFIERS | DEFINITION  | INTERPRETATION   |
|--------------------|---|--|
| E                  | Estimated or not reported due to interference. See laboratory narrative.  | Analyte or element was not detected, or value may be semiquantitative. |
| N                  | Spike recoveries outside QC protocols, which indicates a possible matrix problem. Data may be biased high or low. See spike results and laboratory narrative. | Value may be quantitative or semi-quantitative.                        |
| B                  | Value is real, but is above instrument DL and below CRDL.   | Value may be quantitative or semi-quantitative.                        |
| J                  | Value is above CRDL and is an estimated value because of a QC protocol.   | Value may be semiquantitative.   |
| R                  | Results are unusable due to a major violation of QC protocols.  | Analyte value is not usable.   |

Source: Ecology and Environment, Inc. 1990.

## 5. DISCUSSION OF MIGRATION PATHWAYS

### 5.1 INTRODUCTION

This section presents discussions of data and information pertaining to potential migration pathways and targets of TCL compounds and TAL analytes that are possibly attributable to the Container Corporation site.

The five migration pathways of concern discussed are groundwater, surface water, air, fire and explosion, and direct contact.

### 5.2 GROUNDWATER

Groundwater samples were not collected during the SSI of the Container Corporation site. However, a potential exists for TCL compounds and TAL analytes to migrate from the site to groundwater in the vicinity of the site, based on the following information.

- TCL compounds and TAL analytes including fluoranthene (200J  $\mu\text{g}/\text{kg}$ ), Aroclor 1254 (880  $\mu\text{g}/\text{kg}$ ), and lead (211  $\text{mg}/\text{kg}$ ), were detected in on-site soil/sediment samples from the Wabash River at concentrations greater than those detected in the background soil/sediment samples (see Table 4-1 for definitions and interpretations of qualifiers).
- The site does not have any liners underlying the disposal areas or a leachate collection system (Smith 1989).

- No evidence of a continuous, naturally occurring confining layer exists at the site (Thomson 1990).

The potential for TCL compounds and TAL analytes to migrate to groundwater in the vicinity of the site is also based on the following geological information.

The uppermost geologic unit in the site area is composed of undifferentiated tills consisting of a mixture of sands, gravels, and clays of moderate permeability. According to area well logs (see Appendix E), the depth of the surficial material ranges from 60 to 100 feet. Limestone bedrock of the early and middle Silurian period underlies the surficial material (Thomson 1990).

The major aquifers are sand and gravel deposits, at depths of approximately 30 feet, and an underground river valley in the limestone bedrock at a depth of approximately 190 feet (Hiner 1990). The Indiana Cities Water Department municipal wells and the great majority of residential wells **Non-responsive, well locations** use the limestone river valley aquifer as a source of drinking water (Thomson 1990). The sand and gravel aquifers are hydraulically connected with the deeper limestone aquifer (Thomson 1990). These aquifers together constitute the aquifer of concern. Water from the municipal wells is blended before distribution (Hiner 1990). The closest municipal well is located 1 1/2 miles southeast from the site.

Nine production wells exist on-site. Four of these wells are active. The sand and gravel aquifers are the source of water for the production wells, from a depth of approximately 30 feet (Smith 1989).

The potential targets of groundwater contamination include the approximately 15,800 persons who are served by wells drawing from the aquifer of concern within a 3-mile radius of the site. This target population was calculated by counting houses on United States Geological Survey (USGS) topographic maps of the area (USGS 1963, 1969). The counted houses (309) were then multiplied by the persons-per-household average of 2.76 for Wabash County (U.S. Bureau of the Census 1982). The resulting population figure was added to the approximately 15,000 persons served by the Indiana Cities Water Department municipal wells.

### 5.3 SURFACE WATER

The Wabash River flows from east to west along the southern edge of the site. A potential exists for contaminants from the site to reach the Wabash River via general surface water runoff pathways, based on the following information.

- TCL compounds and TAL analytes were detected in soil/sediment samples collected at the site and along the Wabash River at levels above those detected in background samples.
- No surface water diversion structures were present at the site.
- The Wabash River is located downgrade (approximately 5%) from the site.
- An outfall located a few feet from the river may increase the potential for contaminants to reach surface water. Although the pipe appeared to be dry at the time of the SSI, laboratory analysis of sample S8, collected where the outlet discharges into the river, revealed the presence of TCL compounds, as did downstream sediment sample S9.

The population potentially affected by TCL compounds migrating off-site includes persons who use surface water in the vicinity of the site for fishing and recreational purposes. No drinking water intakes are known to exist in surface water bodies within 15 miles downstream of the site.

### 5.4 AIR

A release of TCL compounds or TAL analytes to the air was not documented during the SSI of the Container Corporation site. During the reconnaissance inspection, FIT site-entry instruments (OVA 128, explosimeter, oxygen meter, hydrogen cyanide tubes, and radiation monitor) did not detect levels above background concentrations at the site. In

accordance with the U.S. EPA-approved work plan, further air monitoring was not conducted by FIT.

A potential does exist for TCL compounds and TAL analytes to migrate from the site via windblown particulates. This potential is based on the following information.

- TCL compounds and TAL analytes were detected in on-site soil samples at concentrations greater than concentrations detected in the background soil sample.
- Certain disposal areas on-site were not covered by vegetation.

The air target population within a 4-mile radius of the site includes approximately 16,612 persons. This target population was calculated in the manner described in Subsection 5.2.

#### 5.5 FIRE AND EXPLOSION

According to federal, state, and local file information reviewed by FIT, and an interview with the fire chief of Wabash, Indiana (McMullet 1989), no documentation exists of an incident of fire or explosion at the site. According to FIT observations and site-entry equipment readings, no potential for fire or explosion existed at the site at the time of the SSI.

#### 5.6 DIRECT CONTACT

According to federal, state, and local file information reviewed by FIT, observations made during the SSI, and the interview with site representatives, no incidents of direct contact with TCL compounds or TAL analytes at the Container Corporation site have been documented.

There is a potential for the public to come into direct contact with TCL compounds and TAL analytes at the site, based on the following information.

- TCL compounds and TAL analytes were detected in on-site surface soil samples at concentrations greater than concentrations detected in the background sample.
- The site is not completely fenced, and no security guards or other means of security are used to restrict access to the site during daylight hours.

The target population within a 1-mile radius of the site is approximately 6,000 persons. This target population was calculated in the manner described in Subsection 5.2, with the exception that a planimeter was used to calculate the portion of the population that falls within municipal boundaries inside the 1-mile radius of the site.

## 6. REFERENCES

Brown, David, May 1, 1979, Sanitary Engineer, ISBH, Division of Sanitary Engineering, Solid Waste Management Section, refuse facility inspection report.

E & E, 1987, Quality Assurance Project Plan Region V FIT Conducted Site Inspections, Chicago, Illinois.

Hiner, Boyd, January 23, 1990, District Supervisor, Indiana Cities Water Department, telephone conversation, contacted by Angelo Carpodinis of E & E.

McMullet, Mike, July 18, 1989, Fire Chief, Wabash Fire Department, Wabash, Indiana, telephone conversation, contacted by Tim Danzer of E & E.

Smith, Bruce, September 27, 1989, Plant Engineer, CCA, site representative interview, conducted by Angelo Carpodinis of E & E.

Thomson, Todd, January 30, 1990, Industrial Minerals Specialist, Indiana Geological Survey, telephone conversation, contacted by Angelo Carpodinis of E & E.

Townley, Richard, September 7, 1989, Project Engineer, CCA, site representative interview, conducted by Angelo Carpodinis of E & E.

U.S. Bureau of the Census, 1982, 1980 Census of Population, Characteristics of the Population, General Population Characteristics, Indiana, Washington, D.C.

U.S. EPA, February 12, 1988, Office of Solid Waste and Emergency Response, Pre-Remedial Strategy for Implementing SARA, Directive number 9345.2-01, Washington, D.C.

USGS, 1963, Rich Valley, photorevised 1981; 1963 Wabash, photorevised 1981; 1969, Somerset, Indiana Quadrangles, 7.5 Minute Series: 1:24,000.

4635:8



APPENDIX A

SITE 4-MILE RADIUS MAP

# SDMS US EPA Region V

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**APPENDIX B**

**U.S. EPA FORM 2070-13**



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

| I. IDENTIFICATION |                              |
|-------------------|------------------------------|
| 01 STATE<br>IN    | 02 SITE NUMBER<br>0005432653 |

II. SITE NAME AND LOCATION

|  |                |  |                     |                       |                    |
|--|----------------|--|---------------------|-----------------------|--------------------|
| 01 SITE NAME (Legal, common, or descriptive name of site)<br>Container Corporation |                | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER<br>455 W. Factory Street   |                     |                       |                    |
| 03 CITY<br>Wabash  | 04 STATE<br>IN | 05 ZIP CODE<br>46998   | 06 COUNTY<br>Wabash | 07 COUNTY CODE<br>169 | 08 CONG DIST<br>C5 |
| 09 COORDINATES<br>LATITUDE<br>42° 47' 32" N<br>LONGITUDE<br>085° 42' 55" W         |                | 10 TYPE OF OWNERSHIP (Check one)<br><input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL<br><input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN |                     |                       |                    |

III. INSPECTION INFORMATION

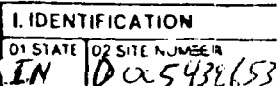
|  |   |   |
|--|---|---|
| 01 DATE OF INSPECTION<br>9/27/89<br>MONTH DAY YEAR   | 02 SITE STATUS<br><input checked="" type="checkbox"/> ACTIVE<br><input type="checkbox"/> INACTIVE | 03 YEARS OF OPERATION<br>1933   Present<br>BEGINNING YEAR ENDING YEAR |
| 04 AGENCY PERFORMING INSPECTION (Check all that apply)<br><input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR Ecology & Environment (Name of firm)<br><input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR (Name of firm)<br><input type="checkbox"/> E. STATE <input type="checkbox"/> F. STATE CONTRACTOR (Name of firm) <input type="checkbox"/> G. OTHER (Specify) |   |   |

|  |                                   |   |                                    |
|--|-----------------------------------|---|------------------------------------|
| 05 CHIEF INSPECTOR<br>Angelo Carpodinis            | 06 TITLE<br>Chemical Engineer     | 07 ORGANIZATION<br>Ecology and Environment, Inc                                     | 08 TELEPHONE NO.<br>(312) 6639415  |
| 09 OTHER INSPECTORS<br>Cliff Florczak              | 10 TITLE<br>Chemist               | 11 ORGANIZATION<br>E&E, Inc   | 12 TELEPHONE NO.<br>(312) 6639415  |
| Tim Danzer   | Geographer                        | E&E, Inc  | (312) 6639415                      |
| Mark Sattelberg                                    | Biologist                         | E&E, Inc  | (312) 6639415                      |
| Larry Lueck  | Geologist                         | E&E, Inc  | (312) 6639415                      |
| Jacqueline Lundberg                                | Geochemist                        | E&E, Inc  | (312) 6639415                      |
| 13 SITE REPRESENTATIVES INTERVIEWED<br>Bruce Smith | 14 TITLE<br>Plant Engineer        | 15 ADDRESS<br>CCA Mill<br>P.O. Box 217, 455 W. Factory St.<br>Wabash, IN 46998-0217 | 16 TELEPHONE NO.<br>(219) 563-3102 |
| Donald A. Hughes                                   | Boxboard Group Technical Director | FCA/CCA<br>Boxboard Mill Division<br>417 Charles Street 45048-2107<br>Mishawaka, OH | (513) 484-4848                     |
| Richard Townley                                    | Project Engineer                  | CCA Mill Division<br>P.O. Box 217, 455 W. Factory St.<br>Wabash, IN 46998-0217      | (219) 5633102                      |
|  |                                   |   | ( )                                |
|  |                                   |   | ( )                                |
|  |                                   |   | ( )                                |

|  |                                 |                                     |
|--|---------------------------------|-------------------------------------|
| 17 ACCESS GAINED BY<br>(Check one)<br><input checked="" type="checkbox"/> PERMISSION<br><input type="checkbox"/> WARRANT | 18 TIME OF INSPECTION<br>900 AM | 19 WEATHER CONDITIONS<br>Sunny, 65° |
|--|---------------------------------|-------------------------------------|

IV. INFORMATION AVAILABLE FROM

|   |  |  |                                   |                                      |
|---|--|--|-----------------------------------|--------------------------------------|
| 01 CONTACT<br>Larry Atkinson  | 02 OF (Agency/Organization)<br>IDEM/SHWM | 03 TELEPHONE NO.<br>(317) 932-8927         |                                   |                                      |
| 04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM<br>Angelo Carpodinis | 05 AGENCY<br>EPA                         | 06 ORGANIZATION<br>Ecology and Environment | 07 TELEPHONE NO.<br>(312) 6639415 | 08 DATE<br>9/27/89<br>MONTH DAY YEAR |



|  |   |  |
|--|---|--|
| 01 PHYSICAL STATES (Check all that apply)  | 02 WASTE QUANTITY AT SITE<br>(Measures of waste quantities must be independent.)  | 03 WASTE CHARACTERISTICS (Check all that apply)  |
| <input type="checkbox"/> A SOLID<br><input type="checkbox"/> B POWDER, FINES<br><input type="checkbox"/> C SLUDGE<br><br><input type="checkbox"/> D OTHER _____<br>(Specify) | <input type="checkbox"/> E SLURRY<br><input type="checkbox"/> F LIQUID<br><input type="checkbox"/> G GAS<br><br>TONS _____<br>CUBIC YARDS <u>Unknown</u><br><br>NO OF DRUMS _____ | <input type="checkbox"/> A TOXIC<br><input type="checkbox"/> B CORROSIVE<br><input type="checkbox"/> C RADIOACTIVE<br><input checked="" type="checkbox"/> D PERSISTENT<br><br><input type="checkbox"/> E SOLUBLE<br><input type="checkbox"/> F INFECTIOUS<br><input type="checkbox"/> G FLAMMABLE<br><input type="checkbox"/> H IGNITABLE<br><br><input type="checkbox"/> I HIGHLY VOLATILE<br><input type="checkbox"/> J EXPLOSIVE<br><input type="checkbox"/> K REACTIVE<br><input type="checkbox"/> L INCOMPATIBLE<br><input type="checkbox"/> M NOT APPLICABLE |

| CATEGORY | SUBSTANCE NAME          | G1 GROSS AMOUNT | G2 UNIT OF MEASURE | G3 COMMENTS   |
|----------|-------------------------|-----------------|--------------------|---|
| SLU      | SLUDGE                  |                 |                    | Information was not made available by site representative. This information is from FJT sampling. |
| OLW      | OILY WASTE              |                 |                    |   |
| SOL      | SOLVENTS                | Unknown         | kg/kg              |   |
| PSD      | PESTICIDES              | Unknown         | kg/kg              |   |
| OCC      | OTHER ORGANIC CHEMICALS | Unknown         | kg/kg              |   |
| IOC      | INORGANIC CHEMICALS     |                 |                    |   |
| ACD      | ACIDS                   |                 |                    |   |
| BAS      | BASES                   |                 |                    |   |
| MES      | HEAVY METALS            | Unknown         | mg/kg              |   |

[illegible]

| CATEGORY | 01 FEEDSTOCK NAME | 02 CAS NUMBER | CATEGORY | 01 FEEDSTOCK NAME | 02 CAS NUMBER |
|----------|-------------------|---------------|----------|-------------------|---------------|
| FDS      |                   |               | FDS      |                   |               |
| FDS      | Unknown           |               | FDS      |                   |               |
| FDS      |                   |               | FDS      |                   |               |
| FDS      |                   |               | FDS      |                   |               |

State and FIT file information, Chicago, Illinois  
SSI conducted on September 27, 1989



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

| 1. IDENTIFICATION |                |
|-------------------|----------------|
| 01 STATE          | 02 SITE NUMBER |
| IN                | 00054326-3     |

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION  
03 POPULATION POTENTIALLY AFFECTED: 15800  
02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION

see section 5.2 for groundwater information

01 ☒ B. SURFACE WATER CONTAMINATION  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_  
02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION

see section 5.3 for surface water information

01 ☒ C. CONTAMINATION OF AIR  
03 POPULATION POTENTIALLY AFFECTED: 16612  
02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION

see section 5.4 for contamination of air

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS  
03 POPULATION POTENTIALLY AFFECTED: 0  
02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION

see section 5.5 for contamination of air

01 ☒ E. DIRECT CONTACT  
03 POPULATION POTENTIALLY AFFECTED: 6000  
02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION

see section 5.6 for direct contact

01 ☒ F. CONTAMINATION OF SOIL  
03 AREA POTENTIALLY AFFECTED: 90  
(Acres)  
02 ☒ OBSERVED (DATE: 9-27-89) ☐ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION

see section 5.8 for contamination of soil

01 ☒ G. DRINKING WATER CONTAMINATION  
03 POPULATION POTENTIALLY AFFECTED: 15800  
02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION

see section 5.2 for drinking water contamination

01 ☒ H. WORKER EXPOSURE/INJURY  
03 WORKERS POTENTIALLY AFFECTED: 250  
02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION

no documented worker injury due to hazardous waste

01 ☒ I. POPULATION EXPOSURE/INJURY  
03 POPULATION POTENTIALLY AFFECTED: 15800  
02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION

See sections 5.2, 5.4, & 5.6, for potential population exposure



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION  
01 STATE IN 02 SITE NUMBER Doc 5432653

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J DAMAGE TO FLORA 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION  
could potentially occur through contact with contaminated soil  
documented by FIT.

01 ☒ K DAMAGE TO FAUNA 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION (include name(s) of species)  
could potentially occur through contact with contaminated soil  
documented by FIT.

01 ☒ L CONTAMINATION OF FOOD CHAIN 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION  
soil contaminants documented by FIT could potentially  
bioaccumulate in the local food chain.

01 ☒ M UNSTABLE CONTAINMENT OF WASTES 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
(Scrap, Runoff, Standing liquids, Leaking drums)  
03 POPULATION POTENTIALLY AFFECTED: 16612 04 NARRATIVE DESCRIPTION  
see sections 5.2, 5.3 and 5.6 for unstable containment of waste

01 ☒ N DAMAGE TO OFFSITE PROPERTY 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION  
see sections 5.2, 5.3 and 5.6 for damage to off site property.

01 ☒ O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 ☒ OBSERVED (DATE 9-27-89) ☐ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION  
TCL compounds were recorded at concentrations above background  
levels at the edge of an inactive outlet to the river.

01 ☒ P ILLEGAL/UNAUTHORIZED DUMPING 02 ☒ OBSERVED (DATE 9-27-89) ☐ POTENTIAL ☐ ALLEGED  
04 NARRATIVE DESCRIPTION  
The company holds no permits for the disposal of any waste at the CCA site. Several waste  
disposal areas were observed on site. Mr. Tony Parrett of Wabash, Indiana, complained  
in 1979 of illegal dumping by CCA of paper waste in his back yard.

05. DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

Asbestos removal process currently in progress.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 16612

IV. COMMENTS

Eight open waste drums were observed during the FIT inspection. The drums  
contained hazardous waste and were seen to be removed according to the site  
representative. Spills on the ground from the primary water treatment plant were observed  
on site.

V. SOURCES OF INFORMATION (Cite specific references e.g. State files, sample analysis reports)

State and FIT file information, Chicago, Illinois  
SSI conducted on September 27, 1989



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION  
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION  
01 STATE 02 SITE NUMBER  
IN 0005432653

II. PERMIT INFORMATION

| 01 TYPE OF PERMIT ISSUED<br>(Check one only)   | 02 PERMIT NUMBER | 03 DATE ISSUED | 04 EXPIRATION DATE | 05 COMMENTS |
|--|------------------|----------------|--------------------|-------------|
| <input type="checkbox"/> A NPDES               | IN0024741        | 5-2-85         | 2-28-90            |             |
| <input type="checkbox"/> B UIC                 |                  |                |                    |             |
| <input type="checkbox"/> C AIR                 | 85-05-90-0175    | 1-30-87        | 5-1-90             |             |
| <input type="checkbox"/> D RCRA                |                  |                |                    |             |
| <input type="checkbox"/> E RCRA INTERIM STATUS |                  |                |                    |             |
| <input type="checkbox"/> F SPOC PLAN           |                  |                |                    |             |
| <input type="checkbox"/> G STATE (Specify)     |                  |                |                    |             |
| <input type="checkbox"/> H LOCAL (Specify)     |                  |                |                    |             |
| <input type="checkbox"/> I OTHER (Specify)     |                  |                |                    |             |
| <input type="checkbox"/> J NONE                |                  |                |                    |             |

III. SITE DESCRIPTION

| 01 STORAGE & DISPOSAL (Check all that apply)              | 02 AMOUNT | 03 UNIT OF MEASURE | 04 TREATMENT (Check all that apply)   | 05 OTHER  |
|---|-----------|--------------------|---|---|
| <input type="checkbox"/> A SURFACE IMPOUNDMENT            |           |                    | <input type="checkbox"/> A INCINERATION   | <input checked="" type="checkbox"/> A BUILDINGS ON SITE |
| <input type="checkbox"/> B PILES                          |           |                    | <input type="checkbox"/> B UNDERGROUND INJECTION                                    | 6   |
| <input checked="" type="checkbox"/> C DRUMS, ABOVE GROUND | Unknown   |                    | <input type="checkbox"/> C CHEMICAL PHYSICAL  |   |
| <input type="checkbox"/> D TANK, ABOVE GROUND             |           |                    | <input type="checkbox"/> D BIOLOGICAL   |   |
| <input type="checkbox"/> E TANK, BELOW GROUND             |           |                    | <input type="checkbox"/> E WASTE OIL PROCESSING                                     |   |
| <input checked="" type="checkbox"/> F LANDFILL            | Unknown   |                    | <input type="checkbox"/> F SOLVENT RECOVERY   |   |
| <input checked="" type="checkbox"/> G LANDFARM            | Unknown   |                    | <input type="checkbox"/> G OTHER RECYCLING RECOVERY                                 |   |
| <input checked="" type="checkbox"/> H OPEN DUMP           | Unknown   |                    | <input checked="" type="checkbox"/> H OTHER Aerobic waste water treatment (Specify) |   |
| <input type="checkbox"/> I OTHER (Specify)                |           |                    |   | 20 acres  |

07 COMMENTS: Aerobic treatment method is used for the treatment of water waste.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one):  
☐ A ADEQUATE, SECURE ☐ B MODERATE ☒ C INADEQUATE, POOR ☐ D INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.  
No liners at the disposal areas. Two inactive lagoons (8 feet deep) never had any protective liner while in operation. Six open hazardous waste drums were observed on site. Several other drums, open and closed were observed on site.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☒ YES ☐ NO  
02 COMMENTS: Site is not 100% fenced. Waste is dumped on the ground. Open hazardous waste drums on site.

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sampling and analysis reports)

State and KIT file information, Chicago, Illinois  
SSI conducted on September 27, 1989





POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE IN 02 SITE NUMBER DO05432653

II. DRINKING WATER SUPPLY

|   |                             |  |                             |                             |  |                     |      |
|---|-----------------------------|--|-----------------------------|-----------------------------|--|---------------------|------|
| 01 TYPE OF DRINKING SUPPLY<br>(Circle all applicable) |                             |  | 02 STATUS                   |                             |  | 03 DISTANCE TO SITE |      |
|   | SURFACE                     | WELL                                   | ENDANGERED                  | AFFECTED                    | MONITORED                              | A.                  |      |
| COMMUNITY   | A. <input type="checkbox"/> | B. <input checked="" type="checkbox"/> | A. <input type="checkbox"/> | B. <input type="checkbox"/> | C. <input checked="" type="checkbox"/> | <u>1 1/2</u>        | (mi) |
| NON-COMMUNITY   | C. <input type="checkbox"/> | D. <input type="checkbox"/>            | D. <input type="checkbox"/> | E. <input type="checkbox"/> | F. <input type="checkbox"/>            | B. <u>2</u>         | (mi) |

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (check one)

☒ A ONLY SOURCE FOR DRINKING ☐ B DRINKING (Other source available)  
☐ C COMMERCIAL/INDUSTRIAL IRRIGATION (Other source available)  
☐ D NOT USED, UNUSABLE (No other water sources available)

02 POPULATION SERVED BY GROUND WATER 15800

03 DISTANCE TO NEAREST DRINKING WATER WELL 2 (mi)

04 DEPTH TO GROUNDWATER 30 (ft)

05 DIRECTION OF GROUNDWATER FLOW Assumed south

06 DEPTH TO AQUIFER OF CONCERN 30 (ft)

07 POTENTIAL YIELD OF AQUIFER Unknown (gpd)

08 SOLE SOURCE AQUIFER ☐ YES ☒ NO

09 DESCRIPTION OF WELLS (including usage, depth, and location relative to population and buildings)  
Two municipal wells exist approximately 3 miles southwest from the site. They are 190' deep and draw water from a river valley in the limestone bedrock. Several more municipal wells exist approximately 1 1/2 miles southeast from the site. These draw from a gravel and gravel aquifer at approximately 60 feet from the ground surface. Most residential wells draw from the bedrock aquifer.

10 RECHARGE AREA ☒ YES ☐ NO COMMENTS Moderate permeability of soils

11 DISCHARGE AREA ☐ YES ☒ NO COMMENTS Groundwater may recharge river during low flow periods.

IV. SURFACE WATER

01 SURFACE WATER USE (check one)

☒ A RESERVOIR, RECREATION, DRINKING WATER SOURCE ☐ B IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES ☐ C COMMERCIAL, INDUSTRIAL ☐ D NOT CURRENTLY USED

02 AFFECTED POTENTIALLY AFFECTED BODIES OF WATER

NAME Wabash River

AFFECTED ☐ DISTANCE TO SITE Approximately 20 feet from south property line

☐ (ft) ☐ (mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE TWO (2) MILES OF SITE THREE (3) MILES OF SITE

A. 6000 B. 15811 C. 15800

NO. OF PERSONS NO. OF PERSONS NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION 30 ft (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE 2 6000

04 DISTANCE TO NEAREST OFF-SITE BUILDING 30 ft (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population in the vicinity of site, e.g., rural, village, densely populated urban area)

Densely populated residential area



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE IN 02 SITE NUMBER Doc 5438653

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A  $10^{-6} - 10^{-8}$  cm/sec ☐ B  $10^{-4} - 10^{-5}$  cm/sec ☒ C  $10^{-4} - 10^{-3}$  cm/sec ☐ D GREATER THAN  $10^{-3}$  cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A IMPERMEABLE (Less than  $10^{-6}$  cm/sec) ☐ B RELATIVELY IMPERMEABLE ( $10^{-4} - 10^{-5}$  cm/sec) ☒ C RELATIVELY PERMEABLE ( $10^{-2} - 10^{-4}$  cm/sec) ☐ D VERY PERMEABLE (Greater than  $10^{-2}$  cm/sec)

03 DEPTH TO BEDROCK

2 100 (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

Unknown (ft)

05 SOIL pH

Unknown

06 NET PRECIPITATION

3 (in)

07 ONE YEAR 24 HOUR RAINFALL

2.1 (in)

08 SLOPE

SITE SLOPE

0 %

DIRECTION OF SITE SLOPE

N/A

TERRAIN AVERAGE SLOPE

5 %

09 FLOOD POTENTIAL

SITE IS IN 100 YEAR FLOODPLAIN

10

☒ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, FLOODWAY

11 DISTANCE TO WETLANDS (2 acre minimum)

ESTUARINE

OTHER

A N/A (mi)

B >3.0 (mi)

12 DISTANCE TO CRITICAL HABITAT - 1/2 mile radius

>3.0 (mi)

ENDANGERED SPECIES

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

RESIDENTIAL AREAS, NATIONAL STATE PARKS,  
FORESTS, OR WILDLIFE RESERVES

AGRICULTURAL LANDS  
PRIME AG LAND AG LAND

A 30 ft (mi)

B 30 ft (mi)

C Unknown (mi) D west border (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

Refer to 4-mile radius map in Appendix A

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis reports)

State and FRT file information, Chicago, IL  
SSI conducted September 27, 1989



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION

01 STATE IN 02 SITE NUMBER D005432651

II. SAMPLES TAKEN

| SAMPLE TYPE    | 01 NUMBER OF SAMPLES TAKEN | 02 SAMPLES SENT TO | 03 ESTIMATED DATE RESULTS AVAILABLE |
|----------------|----------------------------|--------------------|-------------------------------------|
| GROUNDWATER    |                            |                    |                                     |
| SURFACE WATER  |                            |                    |                                     |
| WASTE          |                            |                    |                                     |
| AIR            |                            | See Section 3.4    |                                     |
| RUNOFF         |                            |                    |                                     |
| SPILL          |                            |                    |                                     |
| SOIL           | 6                          |                    | presently available                 |
| VEGETATION     |                            |                    |                                     |
| OTHER Sediment | 3                          |                    | presently available                 |

III. FIELD MEASUREMENTS TAKEN

| 01 TYPE                  | 02 COMMENTS     |
|--------------------------|-----------------|
| OVA                      | 0 ppm           |
| Explosimeter             | 0% LEL          |
| O <sub>2</sub> meter     | 21%             |
| Hydrogen cyanide monitor | No color change |
| Radiation alert          | No alarm        |

IV. PHOTOGRAPHS AND MAPS

|  |  |
|--|--|
| 01 TYPE <input checked="" type="checkbox"/> GROUND <input type="checkbox"/> AERIAL | 02 IN CUSTODY OF <u>Ecology &amp; Environment, Inc.</u><br><small>(Name of organization or individual)</small> |
| 03 MAPS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO        | 04 LOCATION OF MAPS <u>Ecology &amp; Environment Inc., Chicago IL</u>  |

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

N/A

VI. SOURCES OF INFORMATION (Cite specific references e.g., state files, sample analysis reports)

State and RIT file information, Chicago, IL  
SSI was conducted on September 27, 1989



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 7 - OWNER INFORMATION

IDENTIFICATION

E1 STATE D2 SITE NUMBER  
IN D005482653

| I. CURRENT OWNER(S)   |  |               |  | PARENT COMPANY (if applicable)                              |  |               |  |
|---|--|---------------|--|---|--|---------------|--|
| 01 NAME   |  | 02 D+B NUMBER |  | 08 NAME   |  | 09 D+B NUMBER |  |
| Container Corporation   |  |               |  | Jefferson Smurfit Corp.                                     |  |               |  |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.)   |  | 04 SIC CODE   |  | 10 STREET ADDRESS (P.O. Box, RFD #, etc.)                   |  | 11 SIC CODE   |  |
| 455 W. Factory Street   |  |               |  | 8188 Maryland Ave.  |  |               |  |
| 05 CITY   |  | 06 STATE      |  | 12 CITY   |  | 13 STATE      |  |
| Wabash  |  | IN            |  | Clayton   |  | MO            |  |
| 07 ZIP CODE   |  |               |  | 14 ZIP CODE   |  |               |  |
| 46992   |  |               |  | 63105   |  |               |  |
| 01 NAME   |  | 02 D+B NUMBER |  | 08 NAME   |  | 09 D+B NUMBER |  |
|   |  |               |  |   |  |               |  |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.)   |  | 04 SIC CODE   |  | 10 STREET ADDRESS (P.O. Box, RFD #, etc.)                   |  | 11 SIC CODE   |  |
|   |  |               |  |   |  |               |  |
| 05 CITY   |  | 06 STATE      |  | 12 CITY   |  | 13 STATE      |  |
|   |  |               |  |   |  |               |  |
| 07 ZIP CODE   |  |               |  | 14 ZIP CODE   |  |               |  |
|   |  |               |  |   |  |               |  |
| 01 NAME   |  | 02 D+B NUMBER |  | 08 NAME   |  | 09 D+B NUMBER |  |
|   |  |               |  |   |  |               |  |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.)   |  | 04 SIC CODE   |  | 10 STREET ADDRESS (P.O. Box, RFD #, etc.)                   |  | 11 SIC CODE   |  |
|   |  |               |  |   |  |               |  |
| 05 CITY   |  | 06 STATE      |  | 12 CITY   |  | 13 STATE      |  |
|   |  |               |  |   |  |               |  |
| 07 ZIP CODE   |  |               |  | 14 ZIP CODE   |  |               |  |
|   |  |               |  |   |  |               |  |
| 01 NAME   |  | 02 D+B NUMBER |  | 08 NAME   |  | 09 D+B NUMBER |  |
|   |  |               |  |   |  |               |  |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.)   |  | 04 SIC CODE   |  | 10 STREET ADDRESS (P.O. Box, RFD #, etc.)                   |  | 11 SIC CODE   |  |
|   |  |               |  |   |  |               |  |
| 05 CITY   |  | 06 STATE      |  | 12 CITY   |  | 13 STATE      |  |
|   |  |               |  |   |  |               |  |
| 07 ZIP CODE   |  |               |  | 14 ZIP CODE   |  |               |  |
|   |  |               |  |   |  |               |  |
| III. PREVIOUS OWNER(S) (List most recent first)   |  |               |  | IV. REALTY OWNER(S) (if applicable, list most recent first) |  |               |  |
| 01 NAME   |  | 02 D+B NUMBER |  | 01 NAME   |  | 02 D+B NUMBER |  |
| Dymon Match Corporation   |  |               |  | Unknown   |  |               |  |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.)   |  | 04 SIC CODE   |  | 03 STREET ADDRESS (P.O. Box, RFD #, etc.)                   |  | 04 SIC CODE   |  |
| Unknown   |  |               |  |   |  |               |  |
| 05 CITY   |  | 06 STATE      |  | 05 CITY   |  | 06 STATE      |  |
|   |  |               |  |   |  |               |  |
| 07 ZIP CODE   |  |               |  | 07 ZIP CODE   |  |               |  |
|   |  |               |  |   |  |               |  |
| 01 NAME   |  | 02 D+B NUMBER |  | 01 NAME   |  | 02 D+B NUMBER |  |
|   |  |               |  |   |  |               |  |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.)   |  | 04 SIC CODE   |  | 03 STREET ADDRESS (P.O. Box, RFD #, etc.)                   |  | 04 SIC CODE   |  |
|   |  |               |  |   |  |               |  |
| 05 CITY   |  | 06 STATE      |  | 05 CITY   |  | 06 STATE      |  |
|   |  |               |  |   |  |               |  |
| 07 ZIP CODE   |  |               |  | 07 ZIP CODE   |  |               |  |
|   |  |               |  |   |  |               |  |
| 01 NAME   |  | 02 D+B NUMBER |  | 01 NAME   |  | 02 D+B NUMBER |  |
|   |  |               |  |   |  |               |  |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.)   |  | 04 SIC CODE   |  | 03 STREET ADDRESS (P.O. Box, RFD #, etc.)                   |  | 04 SIC CODE   |  |
|   |  |               |  |   |  |               |  |
| 05 CITY   |  | 06 STATE      |  | 05 CITY   |  | 06 STATE      |  |
|   |  |               |  |   |  |               |  |
| 07 ZIP CODE   |  |               |  | 07 ZIP CODE   |  |               |  |
|   |  |               |  |   |  |               |  |
| V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports) |  |               |  |   |  |               |  |
| State and KIT file information (Chicago, IL)  |  |               |  |   |  |               |  |
| SSI conducted on September 27, 1989   |  |               |  |   |  |               |  |



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART B - OPERATOR INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IN 0005432653

| II. CURRENT OPERATOR (Provide if different from owner)                                   |  |  |                      | OPERATOR'S PARENT COMPANY (If applicable)                     |  |                |                      |
|--|--|--|----------------------|---|--|----------------|----------------------|
| 01 NAME<br>Container Corporation   |  | 02 D+B NUMBER  |                      | 10 NAME<br>Jefferson Smurfit Corp.                            |  | 11 D+B NUMBER  |                      |
| 03 STREET ADDRESS (P.O. Box, RFD#, etc.)<br>455 W. Factory Street                        |  | 04 SIC CODE  |                      | 12 STREET ADDRESS (P.O. Box, RFD#, etc.)<br>8182 Maryland Ave |  | 13 SIC CODE    |                      |
| 05 CITY<br>Wabash  |  | 06 STATE<br>IN   | 07 ZIP CODE<br>46992 | 14 CITY<br>Clayton  |  | 15 STATE<br>MO | 16 ZIP CODE<br>63105 |
| 08 YEARS OF OPERATION<br>1933 - present  |  | 09 NAME OF OWNER<br>CCA  |                      |   |  |                |                      |
| III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner) |  |  |                      | PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)          |  |                |                      |
| 01 NAME<br>Dymon Match Corporation   |  | 02 D+B NUMBER  |                      | 10 NAME<br>Unknown  |  | 11 D+B NUMBER  |                      |
| 03 STREET ADDRESS (P.O. Box, RFD#, etc.)<br>Unknown                                      |  | 04 SIC CODE  |                      | 12 STREET ADDRESS (P.O. Box, RFD#, etc.)                      |  | 13 SIC CODE    |                      |
| 05 CITY  |  | 06 STATE   | 07 ZIP CODE          | 14 CITY   |  | 15 STATE       | 16 ZIP CODE          |
| 08 YEARS OF OPERATION<br>1890 - 1933   |  | 09 NAME OF OWNER DURING THIS PERIOD<br>Dymon Match Corporation |                      |   |  |                |                      |
| 01 NAME  |  | 02 D+B NUMBER  |                      | 10 NAME   |  | 11 D+B NUMBER  |                      |
| 03 STREET ADDRESS (P.O. Box, RFD#, etc.)   |  | 04 SIC CODE  |                      | 12 STREET ADDRESS (P.O. Box, RFD#, etc.)                      |  | 13 SIC CODE    |                      |
| 05 CITY  |  | 06 STATE   | 07 ZIP CODE          | 14 CITY   |  | 15 STATE       | 16 ZIP CODE          |
| 08 YEARS OF OPERATION  |  | 09 NAME OF OWNER DURING THIS PERIOD                            |                      |   |  |                |                      |
| 01 NAME  |  | 02 D+B NUMBER  |                      | 10 NAME   |  | 11 D+B NUMBER  |                      |
| 03 STREET ADDRESS (P.O. Box, RFD#, etc.)   |  | 04 SIC CODE  |                      | 12 STREET ADDRESS (P.O. Box, RFD#, etc.)                      |  | 13 SIC CODE    |                      |
| 05 CITY  |  | 06 STATE   | 07 ZIP CODE          | 14 CITY   |  | 15 STATE       | 16 ZIP CODE          |
| 08 YEARS OF OPERATION  |  | 09 NAME OF OWNER DURING THIS PERIOD                            |                      |   |  |                |                      |

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis reports)

State and FIT file information, Chicago, IL  
SSI conducted on September 27, 1989



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IN 0005432653

II. ON-SITE GENERATOR

|   |                |                      |  |
|---|----------------|----------------------|--|
| 01 NAME<br>Container Corporation                                  | 02 D+B NUMBER  |                      |  |
| 03 STREET ADDRESS (P.O. Box, RFD#, etc.)<br>455 W. Factory Street | 04 SIC CODE    |                      |  |
| 05 CITY<br>Elkhart  | 06 STATE<br>IN | 07 ZIP CODE<br>46992 |  |

III. OFF-SITE GENERATOR(S)

|  |               |  |               |          |             |
|--|---------------|--|---------------|----------|-------------|
| 01 NAME<br>N/A                           | 02 D+B NUMBER | 01 NAME                                  | 02 D+B NUMBER |          |             |
| 03 STREET ADDRESS (P.O. Box, RFD#, etc.) | 04 SIC CODE   | 03 STREET ADDRESS (P.O. Box, RFD#, etc.) | 04 SIC CODE   |          |             |
| 05 CITY                                  | 06 STATE      | 07 ZIP CODE                              | 05 CITY       | 06 STATE | 07 ZIP CODE |
| 01 NAME                                  | 02 D+B NUMBER | 01 NAME                                  | 02 D+B NUMBER |          |             |
| 03 STREET ADDRESS (P.O. Box, RFD#, etc.) | 04 SIC CODE   | 03 STREET ADDRESS (P.O. Box, RFD#, etc.) | 04 SIC CODE   |          |             |
| 05 CITY                                  | 06 STATE      | 07 ZIP CODE                              | 05 CITY       | 06 STATE | 07 ZIP CODE |

IV. TRANSPORTER(S)

|  |               |  |               |          |             |
|--|---------------|--|---------------|----------|-------------|
| 01 NAME<br>Unknown                       | 02 D+B NUMBER | 01 NAME                                  | 02 D+B NUMBER |          |             |
| 03 STREET ADDRESS (P.O. Box, RFD#, etc.) | 04 SIC CODE   | 03 STREET ADDRESS (P.O. Box, RFD#, etc.) | 04 SIC CODE   |          |             |
| 05 CITY                                  | 06 STATE      | 07 ZIP CODE                              | 05 CITY       | 06 STATE | 07 ZIP CODE |
| 01 NAME                                  | 02 D+B NUMBER | 01 NAME                                  | 02 D+B NUMBER |          |             |
| 03 STREET ADDRESS (P.O. Box, RFD#, etc.) | 04 SIC CODE   | 03 STREET ADDRESS (P.O. Box, RFD#, etc.) | 04 SIC CODE   |          |             |
| 05 CITY                                  | 06 STATE      | 07 ZIP CODE                              | 05 CITY       | 06 STATE | 07 ZIP CODE |

V. SOURCES OF INFORMATION (Check specific sources and state if any source analysis reports)

State and FIT file information, Chicago, IL  
SSI conducted on September 27, 1989



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IN 0005432653

II. PAST RESPONSE ACTIVITIES

|   |               |                 |
|---|---------------|-----------------|
| 01 <input type="checkbox"/> A. WATER SUPPLY CLOSED<br>04 DESCRIPTION N/A                      | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> B. TEMPORARY WATER SUPPLY PROVIDED<br>04 DESCRIPTION N/A          | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> C. PERMANENT WATER SUPPLY PROVIDED<br>04 DESCRIPTION N/A          | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> D. SPILLED MATERIAL REMOVED<br>04 DESCRIPTION N/A                 | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> E. CONTAMINATED SOIL REMOVED<br>04 DESCRIPTION N/A                | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> F. WASTE REPACKAGED<br>04 DESCRIPTION N/A                         | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> G. WASTE DISPOSED ELSEWHERE<br>04 DESCRIPTION N/A                 | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> H. ON-SITE BURIAL<br>04 DESCRIPTION N/A                           | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> I. IN-SITU CHEMICAL TREATMENT<br>04 DESCRIPTION N/A               | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> J. IN-SITU BIOLOGICAL TREATMENT<br>04 DESCRIPTION N/A             | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> K. IN-SITU PHYSICAL TREATMENT<br>04 DESCRIPTION N/A               | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> L. ENCAPSULATION<br>04 DESCRIPTION N/A                            | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> M. EMERGENCY WASTE TREATMENT<br>04 DESCRIPTION N/A                | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> N. CUTOFF WALLS<br>04 DESCRIPTION N/A                             | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> O. EMERGENCY DIKING SURFACE WATER DIVERSION<br>04 DESCRIPTION N/A | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> P. CUTOFF TRENCHES/SUMP<br>04 DESCRIPTION N/A                     | 02 DATE _____ | 03 AGENCY _____ |
| 01 <input type="checkbox"/> Q. SUBSURFACE CUTOFF WALL<br>04 DESCRIPTION N/A                   | 02 DATE _____ | 03 AGENCY _____ |



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IN 000543E653

II PAST RESPONSE ACTIVITIES (continued)

01 ☐ R BARRIER WALLS CONSTRUCTED  
04 DESCRIPTION

N/A

02 DATE

03 AGENCY

01 ☐ S CAPPING COVERING  
04 DESCRIPTION

N/A

02 DATE

03 AGENCY

01 ☐ T BULK TANKAGE REPAIRED  
04 DESCRIPTION

N/A

02 DATE

03 AGENCY

01 ☐ U GROUT CURTAIN CONSTRUCTED  
04 DESCRIPTION

N/A

02 DATE

03 AGENCY

01 ☐ V BOTTOM SEALED  
04 DESCRIPTION

N/A

02 DATE

03 AGENCY

01 ☐ W GAS CONTROL  
04 DESCRIPTION

N/A

02 DATE

03 AGENCY

01 ☐ X FIRE CONTROL  
04 DESCRIPTION

N/A

02 DATE

03 AGENCY

01 ☐ Y LEACHATE TREATMENT  
04 DESCRIPTION

N/A

02 DATE

03 AGENCY

01 ☐ Z AREA EVACUATED  
04 DESCRIPTION

N/A

02 DATE

03 AGENCY

01 ☐ 1. ACCESS TO SITE RESTRICTED  
04 DESCRIPTION

N/A

02 DATE

03 AGENCY

01 ☐ 2. POPULATION RELOCATED  
04 DESCRIPTION

N/A

02 DATE

03 AGENCY

01 ☐ 3. OTHER REMEDIAL ACTIVITIES  
04 DESCRIPTION

N/A

02 DATE

03 AGENCY

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

State and FET file information, Chicago, IL  
SSI conducted on September 27, 1989





POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION

|          |                |
|----------|----------------|
| D1 STATE | D2 SITE NUMBER |
| IN       | D005 43265     |

II. ENFORCEMENT INFORMATION

D1 PAST REGULATORY ENFORCEMENT ACTION ☐ YES ☒ NO

D2 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY ENFORCEMENT ACTION

N/A

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

State and RIT file information, Chicago, IL  
SSI conducted on September 27, 1989

**APPENDIX C**

**FIT SITE PHOTOGRAPHS**

**FIELD PHOTOGRAPHY LOG SHEET**

**SITE NAME:** Container Corporation

**PAGE** 1 **OF** 13

**U.S. EPA ID:** IND005432653 **TDD:** F05-8710-070

**PAN:** FIN06565B

**DATE:** > 9-27-89

**TIME:** > 1240

**DIRECTION OF PHOTOGRAPH:** > South

**WEATHER CONDITIONS:** > Sunny, 65°F

**PHOTOGRAPHED BY:** > Angelo Carpodinis

**SAMPLE ID (if applicable):** > S1

**DESCRIPTION:** > Sample

> location for soil

> sample S1

>

>

>



**DATE:** > 9-27-89

**TIME:** > 1240

**DIRECTION OF PHOTOGRAPH:**  
> South

**WEATHER CONDITIONS:**  
> Sunny, 65°F

>

**PHOTOGRAPHED BY:**  
> Angelo Carpodinis

**SAMPLE ID (if applicable):**  
> S1

**DESCRIPTION:** >

> Background photo for soil sample S1





FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Container Corporation

PAGE 2 OF 13

U.S. EPA ID: IND005432653 TDD: F05-8710-070

PAN: FIN06565B

DATE: > 9-27-89

TIME: > 1200

DIRECTION OF  
PHOTOGRAPH: > North

WEATHER  
CONDITIONS: > Sunny, 65°F

PHOTOGRAPHED BY: > Angelo Carpodin's

SAMPLE ID  
(if applicable): > S2

DESCRIPTION: > Sample

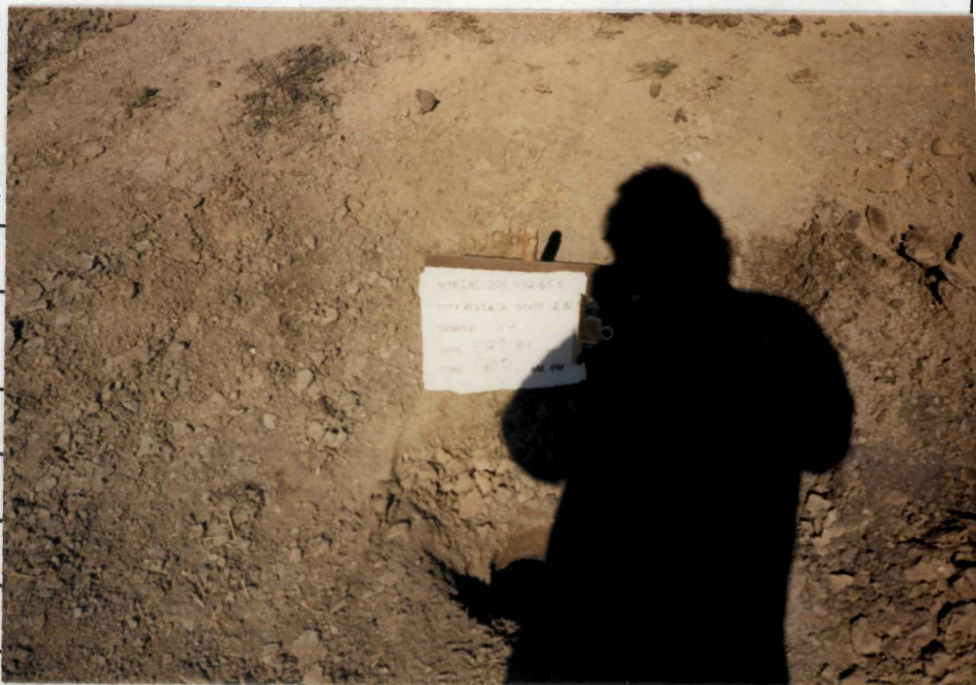
> location for soil

> sample S2

>

>

>



DATE: > 9-27-89

TIME: > 1200

DIRECTION OF  
PHOTOGRAPH:  
> North

WEATHER  
CONDITIONS:  
> Sunny, 65°F

>

PHOTOGRAPHED BY:  
> Angelo Carpodin's

SAMPLE ID  
(if applicable):  
> S2

DESCRIPTION: >

> Background photo for soil sample S2





FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Container Corporation

PAGE 3 OF 13

U.S. EPA ID: IND005432653 TDD: F05-8710-070

PAN: FIN0656SB

DATE: > 9-27-89

TIME: > 1225

DIRECTION OF  
PHOTOGRAPH: > South

WEATHER  
CONDITIONS: > Sunny, 65°F

PHOTOGRAPHED BY: > Angelo Carpodinis

SAMPLE ID  
(if applicable): > S3

DESCRIPTION: > Sample

> location for soil

> Sample S3

>

>

>



DATE: > 9-27-89

TIME: > 1225

DIRECTION OF  
PHOTOGRAPH: > South

WEATHER  
CONDITIONS: > Sunny, 65°F

>

PHOTOGRAPHED BY:  
> Angelo Carpodinis

SAMPLE ID  
(if applicable): > S3

DESCRIPTION: >

> Background photo for soil sample S3





FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Container Corporation

PAGE 4 OF 13

U.S. EPA ID: IND005432653 TDD: F05-8710-070

PAN: FIN06565B

DATE: > 9-27-89

TIME: > 1150

DIRECTION OF  
PHOTOGRAPH: > East

WEATHER  
CONDITIONS: > Sunny, 65°F

PHOTOGRAPHED BY: > Angelo Carpodinis

SAMPLE ID  
(if applicable): > S4

DESCRIPTION: > sample

> location for soil

> sample S4

>

>

>



DATE: > 9-27-89

TIME: > 1150

DIRECTION OF  
PHOTOGRAPH:  
> East

WEATHER  
CONDITIONS:  
> Sunny, 65°F

>

PHOTOGRAPHED BY:  
> Angelo Carpodinis

SAMPLE ID  
(if applicable):  
> S4

DESCRIPTION: >

> Background photo for soil sample S4





FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Container Corporation

PAGE 5 OF 13

U.S. EPA ID: IND005432653 TDD: F05-8710-070

PAN: FIN0656SB

DATE: > 9-27-89

TIME: > 1155

DIRECTION OF PHOTOGRAPH: > East

WEATHER CONDITIONS: > Sunny, 65°F

PHOTOGRAPHED BY: > Angelo Carpodinis

SAMPLE ID (if applicable): > S5

DESCRIPTION: > Sample

> location for soil

> sample S5

>

>

>



DATE: > 9-27-89

TIME: > 1155

DIRECTION OF PHOTOGRAPH: > East

WEATHER CONDITIONS: > Sunny, 65°F

>

PHOTOGRAPHED BY: > Angelo Carpodinis

SAMPLE ID (if applicable): > S5

DESCRIPTION: >

> Background photo for soil sample S5





FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Container Corporation

PAGE 6 OF 13

U.S. EPA ID: IND005432653 TDD: F05-8710-070

PAN: FIN06565B

DATE: > 9-27-89

TIME: > 1300

DIRECTION OF  
PHOTOGRAPH: > SouthEast

WEATHER  
CONDITIONS: > Sunny, 65°F

PHOTOGRAPHED BY: > Larry Lueck

SAMPLE ID  
(if applicable): > S7

DESCRIPTION: > sample

> location for soil

> sample S7

>

>

>



DATE: > 9-27-89

TIME: > 1300

DIRECTION OF  
PHOTOGRAPH: > SouthEast

WEATHER  
CONDITIONS: > Sunny, 65°F

>

PHOTOGRAPHED BY: > Larry Lueck

SAMPLE ID  
(if applicable): > S7

DESCRIPTION: >

> Background photo for soil sample S7





FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Container Corporation

PAGE 7 OF 13

U.S. EPA ID: IND005432653 TDD: F05-8710-070

PAN: FIN06565B

DATE: > 9-27-89

TIME: > 1305

DIRECTION OF  
PHOTOGRAPH: > North

WEATHER  
CONDITIONS: > Sunny, 65°F

PHOTOGRAPHED BY: > Tim Danzer

SAMPLE ID  
(if applicable): > S8

DESCRIPTION: > sample

> location for soil

> sample S8

>

>

>

DATE: > 9-27-89

TIME: > 1305

DIRECTION OF  
PHOTOGRAPH:

> North

WEATHER

CONDITIONS:

> Sunny, 65°F

>

PHOTOGRAPHED BY:

> Tim Danzer

SAMPLE ID  
(if applicable):

> S8

DESCRIPTION: >

> Background photo for soil sample S8





FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Container Corporation

PAGE 8 OF 13

U.S. EPA ID: IND005432653 TDD: F05-8710-070

PAN: FIN06565B

DATE: > 9-27-89

TIME: > 1250

DIRECTION OF  
PHOTOGRAPH: > East

WEATHER  
CONDITIONS: > Sunny, 65

PHOTOGRAPHED BY: > Tim Danzer

SAMPLE ID  
(if applicable): > S9

DESCRIPTION: > sample

> location for soil

> sample S9

>

>

>



DATE: > 9-27-89

TIME: > 1250

DIRECTION OF  
PHOTOGRAPH: > East

WEATHER  
CONDITIONS: > sunny, 65°F

>

PHOTOGRAPHED BY: > Tim Danzer

SAMPLE ID  
(if applicable): > S9

DESCRIPTION: >

> Background photo for soil sample S9





FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Container Corporation

PAGE 9 OF 13

U.S. EPA ID: IND005432653 TDD: F05-8710-070

PAN: FIN06565B

DATE: > 9-27-89

TIME: > 1457

DIRECTION OF  
PHOTOGRAPH: > Southeast

WEATHER  
CONDITIONS: > Sunny 65°F

PHOTOGRAPHED BY: > Angelo Carpodinis

SAMPLE ID  
(if applicable): >

DESCRIPTION: > Hazardous

> Waste Drums located

> East from lagoons.

>

>

>



DATE: > 9-27-89

TIME: > 1450

DIRECTION OF  
PHOTOGRAPH: > Southwest

WEATHER  
CONDITIONS: > Sunny, 65°F

>

PHOTOGRAPHED BY: > Angelo Carpodinis

SAMPLE ID  
(if applicable): >

DESCRIPTION: >

> Waste Water spill next to the primary water treatment plant.





FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Container Corporation

PAGE 10 OF 13

U.S. EPA ID: IND005432653 TDD: F05-8710-070

PAN: FIN06565B

DATE: > 9-27-89

TIME: > 1453

DIRECTION OF  
PHOTOGRAPH: > SouthWest

WEATHER  
CONDITIONS: > Sunny, 65°F

PHOTOGRAPHED BY: > Angelo Carpodinis

SAMPLE ID  
(if applicable): >

DESCRIPTION: > Waste  
> Water spill next  
> to the primary  
> water treatment  
> plant.  
>



DATE: > 9-27-89

TIME: > 1502

DIRECTION OF  
PHOTOGRAPH: > North

WEATHER  
CONDITIONS: > Sunny, 65°F

>

PHOTOGRAPHED BY:  
> Angelo Carpodinis

SAMPLE ID  
(if applicable): >

DESCRIPTION: >

> Mostly empty drums stacked next to main building.





FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Container Corporation

PAGE 11 OF 13

U.S. EPA ID: IND005432653 TDD: F05-8710-070

PAN: FIN06565B

DATE: > 9-27-89

TIME: > 1442

DIRECTION OF  
PHOTOGRAPH: > Northeast

WEATHER  
CONDITIONS: > Sunny, 65°F

PHOTOGRAPHED BY: > Angelo Carpodinis

SAMPLE ID  
(if applicable): >

DESCRIPTION: >

> Uncovered paper piles

>

>

>

>



DATE: > 9-27-89

TIME: > 1505

DIRECTION OF  
PHOTOGRAPH: > West

WEATHER  
CONDITIONS: > Sunny, 65°F

>

PHOTOGRAPHED BY:  
> Angelo Carpodinis

SAMPLE ID  
(if applicable): >

DESCRIPTION: >

> General refuse including wind blown paper.





FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Container Corporation

PAGE 12 OF 13

U.S. EPA ID: IND005432653 TDD: F05-8710-070

PAN: FIN06565B

DATE: > 9-27-89

TIME: > 1443

DIRECTION OF  
PHOTOGRAPH: > Southeast

WEATHER  
CONDITIONS: > Sunny, 65°F

PHOTOGRAPHED BY: > Angelo Carpodinis

SAMPLE ID  
(if applicable): >

DESCRIPTION: > Wind blown

> paper on the ground.

>

>

>

>



DATE: > 9-27-89

TIME: > 1444

DIRECTION OF  
PHOTOGRAPH: > North

WEATHER  
CONDITIONS: > Sunny, 65°F

>

PHOTOGRAPHED BY: > Angelo Carpodinis

SAMPLE ID  
(if applicable): >

DESCRIPTION: >

> Paper piles next to main building walls.





FIELD PHOTOGRAPHY LOG SHEET

SITE NAME: Container Corporation

PAGE 13 OF 13

U.S. EPA ID: IND005432653 TDD: F05-8710-070

PAN: FIN06565B

DATE: > 9-27-89

TIME: > 1508

DIRECTION OF  
PHOTOGRAPH: > West

WEATHER  
CONDITIONS: > Sunny, 65°F

PHOTOGRAPHED BY: > Angelo Carpodini's

SAMPLE ID  
(if applicable): >

DESCRIPTION: > Uncovered old

> equipment dumped

> in area northwest

> part of the site.

>

>



DATE: > 9-27-89

TIME: > 1230

DIRECTION OF  
PHOTOGRAPH: > North

WEATHER  
CONDITIONS: > Sunny, 65°F

>

PHOTOGRAPHED BY: > Angelo Carpodini's

SAMPLE ID  
(if applicable): >

DESCRIPTION: >

> Old waste disposal area.



APPENDIX D

U.S. EPA TARGET COMPOUND LIST AND  
TARGET ANALYTE LIST  
QUANTITATION/DETECTION LIMITS



**ADDENDUM A**

**ROUTINE ANALYTICAL SERVICES  
CONTRACT REQUIRED DETECTION AND QUANTITATION LIMITS**

Contract Laboratory Program  
Target Compound List  
Quantitation Limits

| COMPOUND                   | CAS #      | WATER   | SOIL<br>SEDIMENT<br>SLUDGE |
|----------------------------|------------|---------|----------------------------|
| Chloromethane              | 74-87-3    | 10 ug/L | 10 ug/Kg                   |
| Bromomethane               | 74-83-9    | 10      | 10                         |
| Vinyl chloride             | 75-01-4    | 10      | 10                         |
| Chloroethane               | 75-00-3    | 10      | 10                         |
| Methylene chloride         | 75-09-2    | 5       | 5                          |
| Acetone                    | 67-64-1    | 10      | 5                          |
| Carbon disulfide           | 75-15-0    | 5       | 5                          |
| 1,1-dichloroethene         | 75-35-4    | 5       | 5                          |
| 1,1-dichloroethane         | 75-34-3    | 5       | 5                          |
| 1,2-dichloroethene (total) | 540-59-0   | 5       | 5                          |
| Chloroform                 | 67-66-3    | 5       | 5                          |
| 1,2-dichloroethane         | 107-06-2   | 5       | 5                          |
| 2-butanone (MEK)           | 78-93-3    | 10      | 10                         |
| 1,1,1-trichloroethane      | 71-55-6    | 5       | 5                          |
| Carbon tetrachloride       | 56-23-5    | 5       | 5                          |
| Vinyl acetate              | 108-05-4   | 10      | 10                         |
| Bromodichloromethane       | 75-27-4    | 5       | 5                          |
| 1,2-dichloropropane        | 78-87-5    | 5       | 5                          |
| cis-1,3-dichloropropene    | 10061-01-5 | 5       | 5                          |
| Trichloroethene            | 79-01-6    | 5       | 5                          |
| Dibromochloromethane       | 124-48-1   | 5       | 5                          |
| 1,1,2-trichloroethane      | 79-00-5    | 5       | 5                          |
| Benzene                    | 71-43-2    | 5       | 5                          |
| Trans-1,3-dichloropropene  | 10061-02-6 | 5       | 5                          |
| Bromoform                  | 75-25-2    | 5       | 5                          |
| 4-Methyl-2-pentanone       | 108-10-1   | 10      | 10                         |
| 2-Hexanone                 | 591-78-6   | 10      | 10                         |
| Tetrachloroethene          | 127-18-4   | 5       | 5                          |
| Toluene                    | 108-88-3   | 5       | 5                          |
| 1,1,2,2-tetrachloroethane  | 79-34-5    | 5       | 5                          |
| Chlorobenzene              | 108-90-7   | 5       | 5                          |
| Ethyl benzene              | 100-41-4   | 5       | 5                          |
| Styrene                    | 100-42-5   | 5       | 5                          |
| Xylenes (total)            | 1330-20-7  | 5       | 5                          |

Table A  
Contract Laboratory Program  
Target Compound List  
Semivolatiles Quantitation Limits

| COMPOUND                     | CAS #     | WATER   | SOIL<br>SEDIMENT<br>SLUDGE |
|------------------------------|-----------|---------|----------------------------|
| Phenol                       | 108-95-2  | 10 ug/L | 330 ug/Kg                  |
| bis(2-Chloroethyl) ether     | 111-44-4  | 10      | 330                        |
| 2-Chlorophenol               | 95-57-8   | 10      | 330                        |
| 1,3-Dichlorobenzene          | 541-73-1  | 10      | 330                        |
| 1,4-Dichlorobenzene          | 106-46-7  | 10      | 330                        |
| Benzyl Alcohol               | 100-51-6  | 10      | 330                        |
| 1,2-Dichlorobenzene          | 95-50-1   | 10      | 330                        |
| 2-Methylphenol               | 95-48-7   | 10      | 330                        |
| bis(2-Chloroisopropyl) ether | 108-60-1  | 10      | 330                        |
| 4-Methylphenol               | 106-44-5  | 10      | 330                        |
| N-Nitroso-di-n-dipropylamine | 621-64-7  | 10      | 330                        |
| Hexachloroethane             | 67-72-1   | 10      | 330                        |
| Nitrobenzene                 | 98-95-3   | 10      | 330                        |
| Isophorone                   | 78-59-1   | 10      | 330                        |
| 2-Nitrophenol                | 88-75-5   | 10      | 330                        |
| 2,4-Dimethylphenol           | 105-67-9  | 10      | 330                        |
| Benzoic Acid                 | 65-85-0   | 50      | 1600                       |
| bis(2-Chloroethoxy) methane  | 111-91-1  | 10      | 330                        |
| 2,4-Dichlorophenol           | 120-83-2  | 10      | 330                        |
| 1,2,4-Trichlorobenzene       | 120-82-1  | 10      | 330                        |
| Naphthalene                  | 91-20-3   | 10      | 330                        |
| 4-Chloroaniline              | 106-47-8  | 10      | 330                        |
| Hexachlorobutadiene          | 87-68-3   | 10      | 300                        |
| 4-Chloro-3-methylphenol      | 59-50-7   | 10      | 330                        |
| 2-Methylnaphthalene          | 91-57-6   | 10      | 330                        |
| Hexachlorocyclopentadiene    | 77-47-4   | 10      | 330                        |
| 2,4,6-Trichlorophenol        | 88-06-2   | 10      | 330                        |
| 2,4,5-Trichlorophenol        | 95-95-4   | 50      | 1600                       |
| 2-Chloronaphthalene          | 91-58-7   | 10      | 330                        |
| 2-Nitroaniline               | 88-74-4   | 50      | 1600                       |
| Dimethylphthalate            | 131-11-3  | 10      | 330                        |
| Acenaphthylene               | 208-96-8  | 10      | 330                        |
| 2,6-Dinitrotoluene           | 606-20-2  | 10      | 330                        |
| 3-Nitroaniline               | 99-09-2   | 50      | 1600                       |
| Acenaphthene                 | 83-32-9   | 10      | 330                        |
| 2,4-Dinitrophenol            | 51-28-5   | 50      | 1600                       |
| 4-Nitrophenol                | 100-02-7  | 50      | 1600                       |
| Dibenzofuran                 | 132-64-9  | 10      | 330                        |
| 2,4-Dinitrotoluene           | 121-14-2  | 10      | 330                        |
| Diethylphthalate             | 84-66-2   | 10      | 330                        |
| 4-Chlorophenyl-phenyl ether  | 7005-72-3 | 10      | 330                        |

Table A  
Contract Laboratory Program  
Target Compound List  
Semivolatiles Quantitation Limits

| COMPOUND                   | CAS #    | WATER   | SOIL<br>SLUDGE<br>SEDIMENT |
|----------------------------|----------|---------|----------------------------|
| Fluorene                   | 86-73-7  | 10 ug/L | 330 ug/Kg                  |
| 4-Nitroaniline             | 100-01-6 | 50      | 1600                       |
| 4,6-Dinitro-2-methylphenol | 534-52-1 | 50      | 1600                       |
| N-nitrosodiphenylamine     | 86-30-6  | 10      | 330                        |
| 4-Bromophenyl-phenylether  | 101-55-3 | 10      | 330                        |
| Hexachlorobenzene          | 118-74-1 | 10      | 330                        |
| Pentachlorophenol          | 87-86-5  | 50      | 1600                       |
| Phenanthrene               | 85-01-8  | 10      | 330                        |
| Anthracene                 | 120-12-7 | 10      | 330                        |
| Di-n-butylphthalate        | 84-74-2  | 10      | 330                        |
| Fluoranthene               | 206-44-0 | 10      | 330                        |
| Pyrene                     | 129-00-0 | 10      | 330                        |
| Butylbenzylphthalate       | 85-68-7  | 10      | 330                        |
| 3,3'-Dichlorobenzidine     | 91-94-1  | 20      | 660                        |
| Benzo(a)anthracene         | 56-55-3  | 10      | 330                        |
| Chrysene                   | 218-01-9 | 10      | 330                        |
| bis(2-Ethylhexyl)phthalate | 117-81-7 | 10      | 330                        |
| Di-n-octylphthalate        | 117-84-0 | 10      | 330                        |
| Benzo(b)fluoranthene       | 205-99-2 | 10      | 330                        |
| Benzo(k)fluoranthene       | 207-08-9 | 10      | 330                        |
| Benzo(a)pyrene             | 50-32-8  | 10      | 330                        |
| Indeno(1,2,3-cd)pyrene     | 193-39-5 | 10      | 330                        |
| Dibenz(a,h)anthracene      | 53-70-3  | 10      | 330                        |
| Benzo(g,h,i)perylene       | 191-24-2 | 10      | 330                        |

Table A  
Contract Laboratory Program  
Target Compound List  
Pesticide and PCB Quantitation Limits.

| COMPOUND               | CAS #      | WATER     | SOIL               |
|------------------------|------------|-----------|--------------------|
|                        |            |           | SEDIMENT<br>SLUDGE |
| alpha-BHC              | 319-84-6   | 0.05 ug/L | 8 ug/Kg            |
| beta-BHC               | 319-85-7   | 0.05      | 8                  |
| delta-BHC              | 319-86-8   | 0.05      | 8                  |
| gamma-BHC (Lindane)    | 58-89-9    | 0.05      | 8                  |
| Heptachlor             | 76-44-8    | 0.05      | 8                  |
| Aldrin                 | 309-00-2   | 0.05      | 8                  |
| Heptachlor epoxide     | 1024-57-3  | 0.05      | 8                  |
| Endosulfan I           | 959-98-8   | 0.05      | 8                  |
| Dieldrin               | 60-57-1    | 0.10      | 16                 |
| 4,4'-DDE               | 72-55-9    | 0.10      | 16                 |
| Endrin                 | 72-20-8    | 0.10      | 16                 |
| Endosulfan II          | 33213-65-9 | 0.10      | 16                 |
| 4,4'-DDD               | 72-54-8    | 0.10      | 16                 |
| Endosulfan sulfate     | 1031-07-8  | 0.10      | 16                 |
| 4,4'-DDT               | 50-29-3    | 0.10      | 16                 |
| Methoxychlor (Mariate) | 72-43-5    | 0.5       | 80                 |
| Endrin ketone          | 53494-70-5 | 0.10      | 16                 |
| alpha-Chlordane        | 5103-71-9  | 0.5       | 80                 |
| gamma-chlordane        | 5103-74-2  | 0.5       | 80                 |
| Toxaphene              | 8001-35-2  | 1.0       | 160                |
| AROCLOR-1016           | 12674-11-2 | 0.5       | 80                 |
| AROCLOR-1221           | 11104-28-2 | 0.5       | 80                 |
| AROCLOR-1232           | 11141-16-5 | 0.5       | 80                 |
| AROCLOR-1242           | 53469-21-9 | 0.5       | 80                 |
| AROCLOR-1248           | 12672-29-6 | 0.5       | 80                 |
| AROCLOR-1254           | 11097-69-1 | 1.0       | 160                |
| AROCLOR-1260           | 11096-82-5 | 1.0       | 160                |

Table A (Cont.)

CONTRACT LABORATORY PROGRAM  
 TARGET ANALYTE LIST (TAL)  
 INORGANIC DETECTION LIMITS

| Compound  | Procedure  | Detection Limits |                                 |
|-----------|------------|------------------|---------------------------------|
|           |            | Water<br>(µg/L)  | Soil Sediment<br>Sludge (mg/kg) |
| aluminum  | ICP        | 200              | 40                              |
| antimony  | furnace    | 60               | 2.4                             |
| arsenic   | furnace    | 10               | 2                               |
| barium    | ICP        | 200              | 40                              |
| beryllium | ICP        | 5                | 1                               |
| cadmium   | ICP        | 5                | 1                               |
| calcium   | ICP        | 5,000            | 1,000                           |
| chromium  | ICP        | 10               | 2                               |
| cobalt    | ICP        | 50               | 10                              |
| copper    | ICP        | 25               | 5                               |
| iron      | ICP        | 100              | 20                              |
| lead      | furnace    | 5                | 1                               |
| magnesium | ICP        | 5,000            | 1,000                           |
| manganese | ICP        | 15               | 3                               |
| mercury   | cold vapor | 0.2              | 0.008                           |
| nickel    | ICP        | 40               | 8                               |
| potassium | ICP        | 5,000            | 1,000                           |
| selenium  | furnace    | 5                | 1                               |
| silver    | ICP        | 10               | 2                               |
| sodium    | ICP        | 5,000            | 1,000                           |
| thallium  | furnace    | 10               | 2                               |
| tin       | ICP        | 40               | 8                               |
| vanadium  | ICP        | 50               | 10                              |
| zinc      | ICP        | 20               | 4                               |
| cyanide   | color      | 10               | 2                               |

3767:1

APPENDIX E

WELL LOGS OF THE AREA OF THE SITE

DIVISION OF WATER RESOURCES  
INDIANA DEPARTMENT OF CONSERVATION  
311 WEST WASHINGTON STREET  
INDIANAPOLIS, INDIANA

WL1

WATER WELL RECORD

Non-responsive, well locations

County in which well was drilled: \_\_\_\_\_

Congressional township: \_\_\_\_\_

Describe in your own words \_\_\_\_\_

or distinctive landmarks: \_\_\_\_\_

Name of owner: \_\_\_\_\_

Address: \_\_\_\_\_

Name of Well Drilling Contractor: \_\_\_\_\_

Address: \_\_\_\_\_

Name of Drilling Equipment Operator: \_\_\_\_\_

INFORMATION ON THE WELL

Completed depth of well: 64 ft. Date well was completed: July 12/63

Diameter of outside casing or drive pipe: 2- Length: 17

Diameter of inside casing or liner: \_\_\_\_\_ Length: \_\_\_\_\_

Diameter of Screen: 1 1/4 Length: 3 ft Slot size: 12

Type of Well: Drilled ☐ Gravel Pack ☐ Driven ☐ Other \_\_\_\_\_

Use of Well: to water blower + 2' (ant)  
For home ☐ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☐ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 20 ft.

Packer Test: Hours tested \_\_\_\_\_ Rate \_\_\_\_\_ g.p.m. Drawdown \_\_\_\_\_ ft. (Difference between

Pumping Test: Hours tested \_\_\_\_\_ Rate 200 g.p.m. Drawdown \_\_\_\_\_ ft. (static level and water level at end of test)

Signature \_\_\_\_\_

Date \_\_\_\_\_

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET



# WATER WELL LOG

FORMATIONS (Color, type of material, hardness, etc.)

From

To

|                    |      |    |    |
|--------------------|------|----|----|
| Silt & sandy clay  |      | 1  | 10 |
| sandy pack gravel  | ±18' | 10 | 27 |
| medium sand        | ±32' | 27 | 60 |
| fine gravel & sand | ±4'  | 60 | 64 |

COUNTY: \_\_\_\_\_

TWP. \_\_\_\_\_ RGE. \_\_\_\_\_

FOR ADMINISTRATIVE USE ONLY  
(Well Driller does not fill)

Topo. Map: \_\_\_\_\_ Loc. accepted w/o verification ☒ Yes ☐ No

El. of grnd. surface at well: 770 Courthouse Loc. By \_\_\_\_\_ Date \_\_\_\_\_  
Depth to bedrock: 65 Field Located By \_\_\_\_\_ Date \_\_\_\_\_  
Well Log processed by: \_\_\_\_\_ Placed in Master Well Log File Date \_\_\_\_\_

REMARKS:

This is not a good water gravel  
but still supply thru well

## INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

# LAYNE-NORTHERN COMPANY

WL2

Incorporated

MISHAWAKA INDIANA

☒ TEST

☐ PERMANENT

Job No. 111,206

WELL LOG No. 64 A CITY Wabash

County Wabash

Owner City Water Dept.

Township Noble

Section \_\_\_\_\_

Location \_\_\_\_\_

State Indiana

From Land Description \_\_\_\_\_ ft. East and \_\_\_\_\_ ft. North of SW Corner of Section.

From Street or Road 350' E. of State Rd. 13 and 1500' N. of France Rd.

| FORMATION FOUND — DESCRIBE FULLY   | FROM NATURAL GROUND LEVEL |                            |                      |                    |
|--|---------------------------|----------------------------|----------------------|--------------------|
|  | Depth to Top of Stratum   | Depth to Bottom of Stratum | Thickness of Stratum | Static Water Level |
| Top Soil   | 1                         | 3                          | 3                    |                    |
| Brown Sandy Clay   | 3                         | 10                         | 7                    |                    |
| Grey Clay and gravel   | 10                        | 20                         | 10                   |                    |
| Grey sand and gravel <i>x 15'</i>  | 20                        | 35                         | 15                   |                    |
| Brown <del>mix</del> sandy clay  | 35                        | 37                         | 2                    |                    |
| Brown clay and gravel  | 37                        | 40                         | 3                    |                    |
| Brown sandy clay   | 40                        | 55                         | 15                   |                    |
| Brown sand and gravel (clay balls)   | 55                        | 60                         | 5                    |                    |
| Brown fine muddy sand  | 60                        | 62                         | 2                    |                    |
| Brown sandy clay   | 62                        | 77                         | 15                   |                    |
| Brown sand and gravel (coarse) <i>x 14'</i>  | 77                        | 91                         | 14                   | 21                 |
| Brown gravel and clay  | 91                        | 96                         | 5                    |                    |
| Brown sand and gravel <i>x 17'</i>   | 96                        | 100                        | 4                    | 21                 |
| Brown fine sand <i>785</i>   | 100                       | 111                        | 11                   | 21                 |
| Brown Clay <i>138</i>  | 111                       | 118                        | 7                    |                    |
| Brown coarse sand and gravel <i>647</i>  | 118                       | 124                        | 6                    | 21                 |
| Brown gravel and clay  | 124                       | 130                        | 6                    |                    |
| Brown sandy clay   | 130                       | 136                        | 6                    |                    |
| Brown sand and gravel  | 136                       | 138                        | 2                    |                    |
| Lime rock  | 138                       |                            |                      |                    |
| Screened in 14' thickness of stratum 75' to 80'  |                           |                            |                      |                    |
| <p><u>6</u> inch diameter hole drilled by <input checked="" type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary <input type="checkbox"/> Jetting</p> <p>Pipe left in hole <u>79' 7"</u> of 6"</p> |                           |                            |                      |                    |

Date Started 7-2-1964 Finished 7-21-64 Robert T. Mayfield

STATE OFFICE BUILDING  
INDIANAPOLIS, INDIANA 46204  
Telephone 633-5267 Area Code 317

## WATER WELL RECORD

### WELL LOCATION

(Fill in completely - Refer to instruction sheet)

County in which well was drilled Warrick Civil Township \_\_\_\_\_

Driving directions to the well location: Include County Road Names, Numbers, Subdivision Name, lot number, distinctive landmarks, etc.

### NAME OF WELL OWNER and/or BUILDING CONTRACTOR

Well Owner \_\_\_\_\_ Address \_\_\_\_\_

Building Contractor \_\_\_\_\_ Address \_\_\_\_\_

Name of Well Drilling Contractor: Smith

Address Lago, Ind

Name of Drilling Equipment Operator: \_\_\_\_\_

### WELL INFORMATION

Depth of well: 2 wells 129 Date well was completed: \_\_\_\_\_

Diameter of casing or drive pipe: \_\_\_\_\_ Total Length: (drive)

Diameter of liner (if used): \_\_\_\_\_ Total Length: \_\_\_\_\_

Diameter of Screen: \_\_\_\_\_ Length: \_\_\_\_\_ Slot Size: \_\_\_\_\_

Type of Well: Drilled ☐ Gravel Pack ☐ Driven ☐ Other \_\_\_\_\_

Use of Well: For Home ☐ Office For Industry ☐ For Public Supply ☐ Stock ☐

Method of Drilling: Cable Tools ☐ Rotary ☐ Rev. Rotary ☐ Jet ☐ Bucket Rig ☐

Static water level in completed well (Distance from ground to water level) \_\_\_\_\_ feet

Bailer Test: Hours Tested \_\_\_\_\_ Rate \_\_\_\_\_ g.p.m. \_\_\_\_\_ Drawdown \_\_\_\_\_ ft. (Drawdown is the difference between static level and water level at end of test)

Pumping Test: Hours Tested \_\_\_\_\_ Rate \_\_\_\_\_ g.p.m. \_\_\_\_\_ Drawdown \_\_\_\_\_ ft.

Signature Copied from original log. H.C.

Date 3/28/78

# WATER WELL LOG

FOR ADMINISTRATIVE USE ONLY  
(Well driller does not fill out)

COUNTY Sevier TW 1

Subdivision Name

Topo Map

Field Located

By

Date

Feet N of SL

Depth to bedrock

Courthouse Location By

Date

Feet E of WL

Bedrock elevation

Location accepted w/o verification by G. M. H. 8/10/02

Feet S of NL

Aquifer elevation

Lot Number

Agency: And. Murray

From

To

FORMATIONS (Color, type of material, hardness, etc.)

Course gravel

DIVISION OF WATER RESOURCES  
INDIANA DEPARTMENT OF CONSERVATION  
311 WEST WASHINGTON STREET  
INDIANAPOLIS, INDIANA

WL4



WATER WELL RECORD

INFORMATION ON WELL LOCATION

County in which well is located \_\_\_\_\_  
Congressional township \_\_\_\_\_  
Describe in your own words the location of the well  
or distinctive landmarks \_\_\_\_\_

**Non-responsive, well locations**

Name of owner: \_\_\_\_\_

**Non-responsive, PII**

Name of Well Drilling Contractor: \_\_\_\_\_

Address: \_\_\_\_\_

Name of Drilling Equipment Operator: \_\_\_\_\_

INFORMATION ON THE WELL

Completed depth of well: 50 ft. Date well was completed: Aug 7 1959

Diameter of outside casing or drive pipe: 4" Length: 46

Diameter of inside casing or liner: \_\_\_\_\_ Length: \_\_\_\_\_

Diameter of Screen: \_\_\_\_\_ Length: \_\_\_\_\_ Slot size: \_\_\_\_\_

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other line

Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) 12 ft.

Bailer Test: Hours tested \_\_\_\_\_ Rate \_\_\_\_\_ g.p.m. Drawdown \_\_\_\_\_ ft. (Difference between

Pumping Test: Hours tested 3 Rate 17 g.p.m. Drawdown \_\_\_\_\_ ft. static level and water level at end of test)

Signature \_\_\_\_\_

Date \_\_\_\_\_

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

## WATER WELL LOG

[illegible]

## INSTRUCTIONS

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana Department of Conservation, 311 West Washington Street, Indianapolis, Indiana.

4.

DIVISION OF WATER  
DEPARTMENT OF NATURAL RESOURCES, STATE OF INDIANA  
STATE OFFICE BUILDING  
INDIANAPOLIS, INDIANA 46209  
MElrose 3-6757  
WATER WELL RECORD

WL

Non-responsive, well locations

Name of owner

Non-responsive, PII

Name of Well Drilling Contractor:

Virgil 98 mltz

Address:

R 3 Wabash Ind.

Name of Drilling Equipment Operator:

same

INFORMATION ON THE WELL

Completed depth of well: 109

ft.

Date well was completed:

June 9 1970

Diameter of outside casing or drive pipe:

4"

Length:

109

Diameter of inside casing or liner:

—

Length:

—

Diameter of Screen:

—

Length:

—

Slot size:

—

Type of Well:

Drilled ☒

Gravel Pack ☐

Driven ☐

Other ☐

Use of Well:

For home ☒

For industry ☐

For public supply ☐

Stock ☐

Method of Drilling:

Cable Tools ☒

Rotary ☐

Rev. Rotary ☐

Jet ☐

Driven ☐

Static water level in completed well (Distance from ground to water level) \_\_\_\_\_ ft.

Bailer Test: Hours tested \_\_\_\_\_

Rate \_\_\_\_\_

g.p.m.

Drawdown \_\_\_\_\_

ft.

(Difference between

Pumping Test: Hours tested 2

Rate 10

g.p.m.

Drawdown 85

ft.

static level and water level at end of test)

Signature

Virgil 98 mltz

Date

June 11 1970

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET

| FORMATIONS (Color, type of material, hardness, etc.) |  | From | To  | Topo Map: <u>Wabask</u> |                  | Well log classified |                  | Counthouse located |                  | Field located |                  | Acc. w/o verification |                  |
|--|--|------|-----|-------------------------|------------------|---------------------|------------------|--------------------|------------------|---------------|------------------|-----------------------|------------------|
| Clay   |  | 0    | 20  | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
| sand - gravel *20'                                   |  | 20   | 40  | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
| sand clay mix  |  | 40   | 85  | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
| sand *6'   |  | 85   | 91  | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
| Clay   |  | 91   | 95  | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
| sand *14'  |  | 95   | 109 | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
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|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date <u>9/20</u> |
|  |  |      |     | By <u>Wab</u>           | Date <u>9/20</u> | By <u>Wab</u>       | Date <u>9/20</u> | By <u>Wab</u>      | Date <u>9/20</u> | By <u>Wab</u> | Date <u>9/20</u> | By <u>Wab</u>         | Date             |

This Water Well Record form is designed to record the most essential data concerning a water well. We request that you be as accurate as possible in recording this information as it may be of great assistance in the planning and development of new water supplies.

An accurate location of the well is equally as important as an accurate well log. Please include all information possible in the space provided for well location.

As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water



DIVISION OF WATER RESOURCES  
INDIANA DEPARTMENT OF CONSERVATION  
609 STATE OFFICE BUILDING  
INDIANAPOLIS, INDIANA 46209  
MElrose 3-6757

STREMMEL & HILL  
Phone 981-4191  
LaFontaine, Indiana

## WATER WELL RECORD

**Non-responsive, well locations**

County in

Congressional

Describe

or distin

Name of owner:

**Non-responsive, pii**

Name of Well Drilling Contractor: Stremmel & HillAddress: 105 West Kendall Street LaFontaine, IndianaName of Drilling Equipment Operator: Cecil Siders

## INFORMATION ON THE WELL

Completed depth of well: 72 ft. Date well was completed: September 17, 1964

Diameter of outside casing or drive pipe: \_\_\_\_\_ Length: \_\_\_\_\_

Diameter of inside casing or liner: 4" Length: 32'

Diameter of Screen: \_\_\_\_\_ Length: \_\_\_\_\_ Slot size: \_\_\_\_\_

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other \_\_\_\_\_Use of Well: For home ☐ For industry ☐ For public supply ☐ Stock ☒Method of Drilling: Cable Tools ☒ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐Static water level in completed well (Distance from ground to water level) 20 ft.Bailer Test: Hours tested 1 Rate 15 g.p.m. Drawdown none ft. (Difference between static level and waterPumping Test: Hours tested 3 Rate 20 g.p.m. Drawdown none ft. level at end of test.)Signature Stremmel & HillDate October 5, 1964

## WATER WELL LOG

[illegible]

## INSTRUCTIONS

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As specified in Chapter 6 of the Acts of 1959, a copy of this report must be submitted within thirty days after the completion of a well to the Division of Water Resources, Indiana

DIVISION OF WATER RESOURCES  
INDIANA DEPARTMENT OF CONSERVATION  
311 WEST WASHINGTON STREET  
INDIANAPOLIS, INDIANA

## WATER WELL RECORD

Non-responsive, well locations

County in which well was drilled: \_\_\_\_\_

Congressional township: \_\_\_\_\_

Describe in your own words the well location with respect to nearby towns, roads, streets  
or distinctive landmarks: \_\_\_\_\_

Non-responsive, PII

Name of owner: \_\_\_\_\_

Name of Well Drilling Contractor: Vargil H. HoltAddress: R3 Wabash Ind.Name of Drilling Equipment Operator: same

## INFORMATION ON THE WELL

Completed depth of well: 191 ft. Date well was completed: 3-14-61Diameter of outside casing or drive pipe: 4" Length: 124

Diameter of inside casing or liner: \_\_\_\_\_ Length: \_\_\_\_\_

Diameter of Screen: \_\_\_\_\_ Length: \_\_\_\_\_ Slot size: \_\_\_\_\_

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other \_\_\_\_\_Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☐Method of Drilling: Cable Tools ☐ Rotary ☐ Rev. Rotary ☐ Jet ☐ Driven ☐Static water level in completed well (Distance from ground to water level) 22 ft.

Bailer Test: Hours tested \_\_\_\_\_ Rate \_\_\_\_\_ g.p.m. Drawdown \_\_\_\_\_ ft. (Difference between  
static level and water  
Pumping Test: Hours tested 3 Rate 15 g.p.m. Drawdown 40 ft. level at end of test.

Signature Vargil H. HoltDate 3-15-61

FOR WELL LOG SPACE USE REVERSE SIDE OF THIS SHEET



DIVISION OF WATER RESOURCES  
INDIANA DEPARTMENT OF CONSERVATION  
609 STATE OFFICE BUILDING  
INDIANAPOLIS 9, INDIANA



Wabash  
Twp.

WATER WELL RECORD

Non-responsive, well locations

INF

County in which well was drilled: \_\_\_\_\_

Congressional township: \_\_\_\_\_

(Fill in)

Describe in your own words the well

or distinctive landmarks: see \_\_\_\_\_

Davis Homes,

Name of owner: \_\_\_\_\_

Non-responsive, PII

Name of Well Drilling Contractor: \_\_\_\_\_ Midwestern Drilling Contractors.

Address: \_\_\_\_\_ 7044 S. Main St. Anderson, Ind.

Name of Drilling Equipment Operator: \_\_\_\_\_ Charles & Elwood Norris

INFORMATION ON THE WELL

Completed depth of well: \_\_\_\_\_ 105 \_\_\_\_\_ ft. Date well was completed: \_\_\_\_\_ May 26, 1967 \_\_\_\_\_

Diameter of outside casing or drive pipe: \_\_\_\_\_ 4 1/2" \_\_\_\_\_ Length: \_\_\_\_\_ 84 \_\_\_\_\_

Diameter of inside casing or liner: \_\_\_\_\_ 4" \_\_\_\_\_ Length: \_\_\_\_\_

Diameter of Screen: \_\_\_\_\_ none \_\_\_\_\_ Length: \_\_\_\_\_ Slot size: \_\_\_\_\_

Type of Well: Drilled ☒ Gravel Pack ☐ Driven ☐ Other \_\_\_\_\_

Use of Well: For home ☒ For industry ☐ For public supply ☐ Stock ☐

Method of Drilling: Cable Tools ☐ Rotary ☒ Rev. Rotary ☐ Jet ☐ Driven ☐

Static water level in completed well (Distance from ground to water level) \_\_\_\_\_ 15 \_\_\_\_\_ ft.

Bailer Test: Hours tested \_\_\_\_\_ Rate \_\_\_\_\_ g.p.m. Drawdown \_\_\_\_\_ ft. (Difference between static level and water

Pumping Test: Hours tested \_\_\_\_\_ 1 \_\_\_\_\_ Rate \_\_\_\_\_ 150 \_\_\_\_\_ g.p.m. Drawdown \_\_\_\_\_ 60 \_\_\_\_\_ ft. level at end of test)

MIDWESTERN DRILLING CONTRACTORS

2318 MONROE ST.

Anderson, Ind. Ph.

Signature \_\_\_\_\_ Malcolm Morris \_\_\_\_\_

Date \_\_\_\_\_ May 29, 1967 \_\_\_\_\_

# WATER WELL LOG

FOR ADMINISTRATIVE USE ONLY

COUNTY: Non-responsive

Topo Map: Wichita 1:25,000

Loc. accepted w/o verification

Yes ☐ No ☐

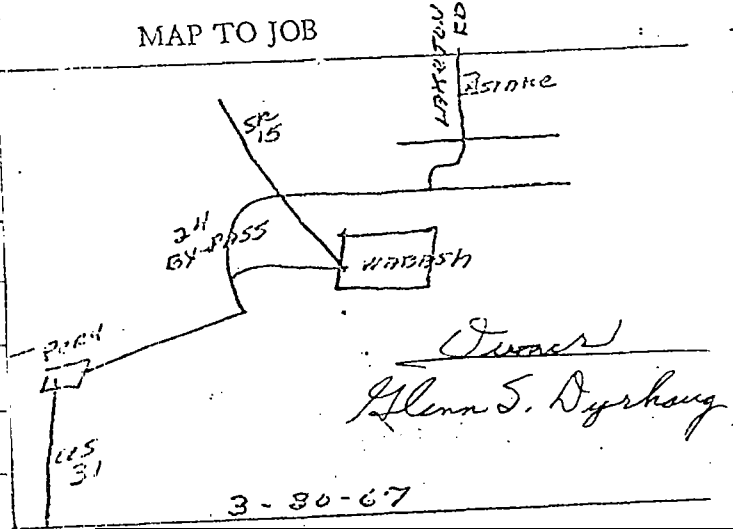
Well log classified by W. J. H. 11/1/67 Date 8-12-80 Ground elevation 795 Ft W of EL  
 Courthouse located By W. J. H. Date 8-12-80 Depth to bedrock 710 Ft N of SL  
 Field located By W. J. H. Date 8-12-80 Bedrock elevation 710 Ft E of WL  
 Placed in master well log file Date 8-12-80 Aquifer elevation 710 Ft S of NL

W. J. H. 11/1/67

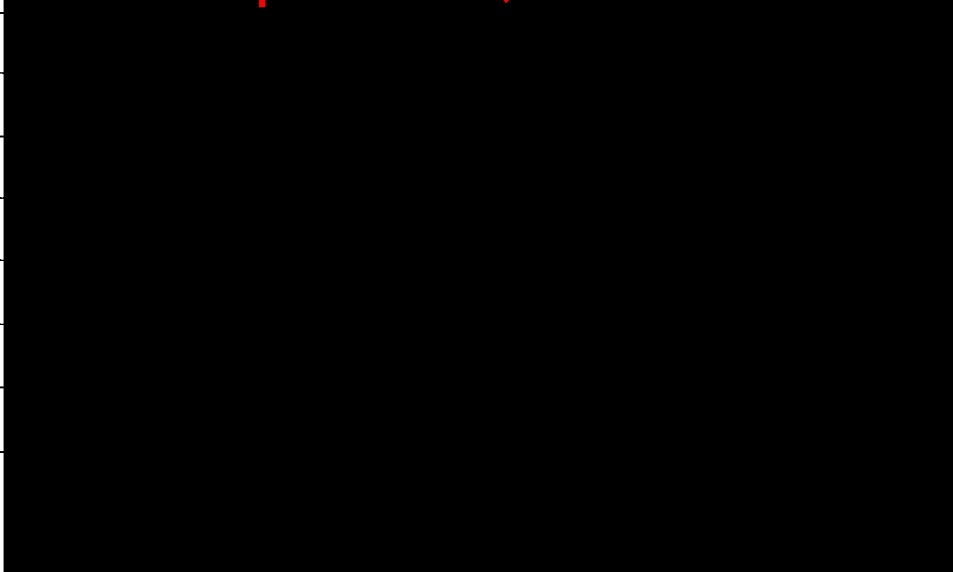
| From | To  |
|------|-----|
| 0    | 3   |
| 3    | 52  |
| 52   | 83  |
| 83   | 105 |

top soil  
 blue clay med. hard  
 brown sand \* 31'  
 white lime hard

## MAP TO JOB



**Non-responsive, well locations**



REMARKS:

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